

Aspire Consulting

Analysis Reporting for Beginners

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Analysis Reporting for Beginners

❖ Introduction

❑ Session Description:

You have been provided the necessary access to run/build queries in Oracle Cloud:

- a. What do I do next?
- b. How do I run queries?
- c. How do I build queries?
- d. What is the data source for the query?

Let's answer these questions and more for an introductory session on Oracle Cloud's Report and Analytics.

❑ Target Audience:

- Business Analysts
- Application Developers



Analysis Reporting for Beginners

Intro to Reports & Analytics

- Navigation
- BI Composer
- Catalog
- How to Run Analyses (Queries)
- Security Access

Intro to Subject Areas

- Definition
- Primary Navigation (Application)
- Historical Reporting
- Subject Area to Table Mapping
- Components of Subject Areas

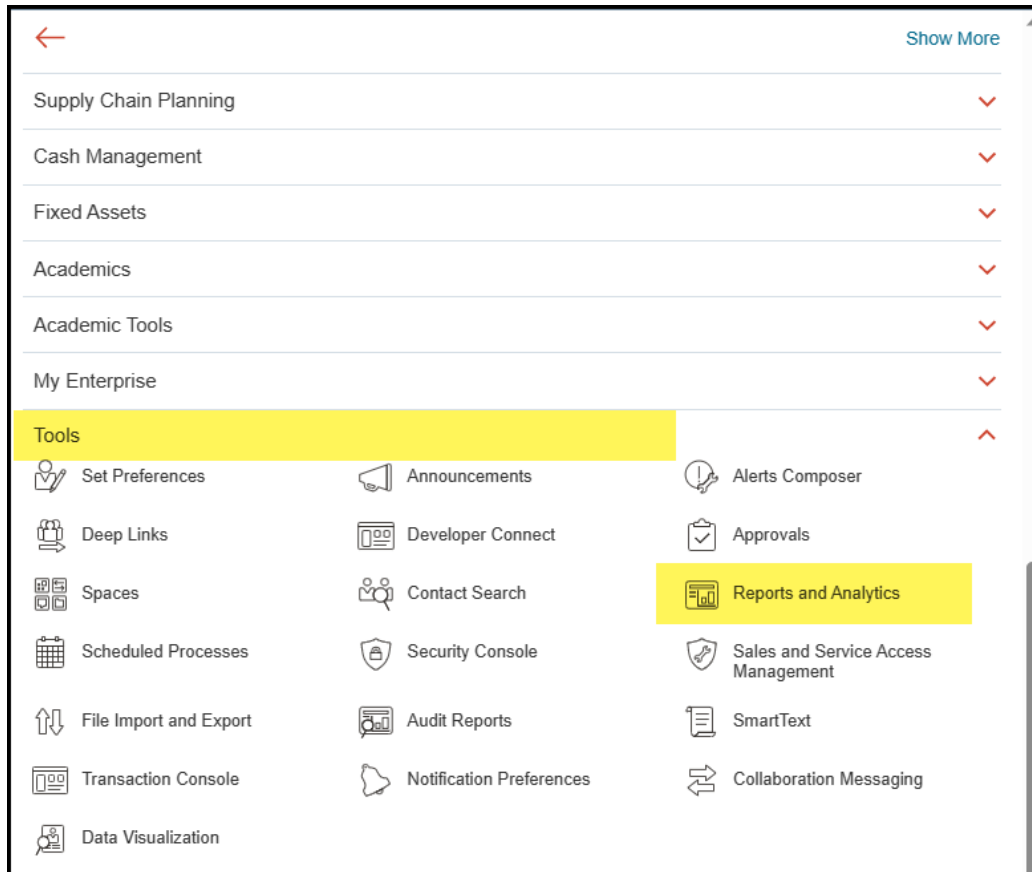
HCM Demo

- Navigation
- Catalog
- BI Composer
- Modify Analysis (Query)
- OTBI Help



Intro to Reports and Analytics

☐ Navigator: Apps

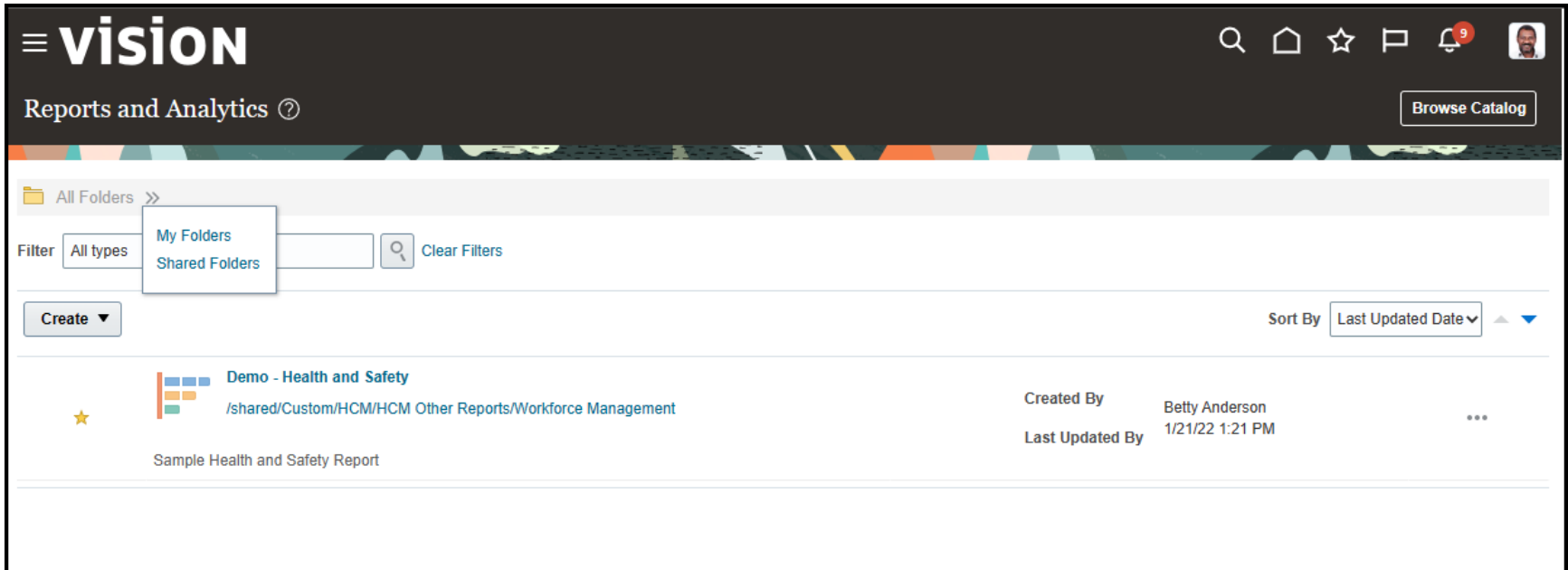


Tools > Reports and Analytics



Intro to Reports and Analytics

BI Composer:



The screenshot displays the Oracle BI Composer 'vision' interface. The header features the 'vision' logo, navigation icons (search, home, star, flag, notifications), and a user profile. Below the header, the 'Reports and Analytics' section includes a 'Browse Catalog' button. The main content area shows a folder structure with 'All Folders' and a filter dropdown set to 'All types'. A search bar and 'Clear Filters' button are also present. A 'Create' button is visible on the left. The report list includes a report titled 'Demo - Health and Safety' with the path '/shared/Custom/HCM/HCM Other Reports/Workforce Management'. The report is created by Betty Anderson and last updated on 1/21/22 at 1:21 PM. A sample report titled 'Sample Health and Safety Report' is also shown.

vision

Reports and Analytics ?

Browse Catalog

All Folders >>

Filter All types My Folders Shared Folders Clear Filters

Create ▾

Sort By Last Updated Date ▾

★ Demo - Health and Safety
/shared/Custom/HCM/HCM Other Reports/Workforce Management

Created By Betty Anderson
Last Updated By 1/21/22 1:21 PM

Sample Health and Safety Report



Intro Reports and Analytics

Analysis Editor (OTBI - Oracle Transactional Business Intelligence):

The screenshot displays the Oracle Transactional Business Intelligence (OTBI) Analysis Editor interface. The top navigation bar includes a 'Catalog' tab and a 'Browse Catalog' button. A red arrow points to the 'Analysis and Interactive Reporting' menu item in the top navigation bar. Another red arrow points to the 'Browse Catalog' button in the top right corner. The main content area displays a list of folders and reports, including 'Internals', 'Delivers', 'Drafts', 'My Dashboard', 'PB', 'Pegasus', 'Selections', 'Temp', 'Assigned Journey list with Tasks', 'Hire Date Report', 'Lietget Competence test', 'Location Address', 'Performance Ratings by Document', and 'Person data'. The 'My Dashboard' folder is expanded, showing its contents.



Intro Reports and Analytics

❑ BI Composer vs Analysis Editor (OTBI)

BI Composer

- Simple Analyses (Queries)
- Wizard
- Preview
- Prompt For
- Additional Layout Options
- Sort and Filter
- Highlighting

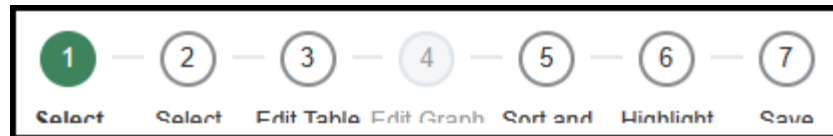
Analysis Editor

- Complex Analyses (Queries)
- Edit Formulas
- Interaction
- Import XML
- Advanced SQL Clauses
- Schedule (OTBI)
- Manage Scheduled Analyses (OTBI)



BI Composer

BI Composer is a simple-to-use wizard that allows you to quickly and easily create, edit, or view analysis without the complexities of the “Analysis editor”.



The main components of the BI Composer:

- ❑ Wizard provides the BI Composer train - guides you through each step
- ❑ Select Subject Area
- ❑ Preview data in each Step of Development
- ❑ Select Fields to report on
- ❑ Select View of Output (Table, Graph)



BI Composer

❏ Steps for Creating/Editing an Analysis (Query)

Step1: Select Columns.

- Select the columns that are to appear in the analysis (*Subject Area selection*).

Step2: Select Views.

- Select the views that are to be included in the analysis (*table, visualizations*).

Step3: Edit Table.

- Edit the layout of the table.

Step4: Edit Graph.

- Edit the properties and layout of the visualization.

Step5: Sort and Filter.

- Apply Sorting and Filters (criteria).

Step6: Highlight.

- Apply conditional formatting to the table.

Step7: Save.

- Save to Shared Folders/My Folders .



BI Composer

Step1. Select Columns – choose Subject Area(s)

1 — 2 — 3 — 4 — 5 — 6 — 7
Select Select Edit Table Edit Graph Sort and Highlight Save

Edit Analysis Demo - Global Headcount by Location: Select Columns

Select columns to include in the analysis.

Subject Areas

- Workforce Management - Worker Assign
 - Assignment Event
 - # Of Hires
 - # Of Promotions
 - Assignment Event Count
 - Event FTE
 - Event Headcount
 - Hire FTE
 - Hire Headcount

Selected Columns

Name	Interaction	Hidden
Location Name	Default	<input type="checkbox"/>
# Of Hires	Default	<input type="checkbox"/>
# Of Promotions	Default	<input type="checkbox"/>

Back Next Submit Cancel



BI Composer

Step2. Select Views

Edit Analysis Demo - Global Headcount by Location: Select Views

Select views to include in the analysis.

Title

Table **Table (recommended)**

Graph

Layout

None

Table (recommended)

Summary Table

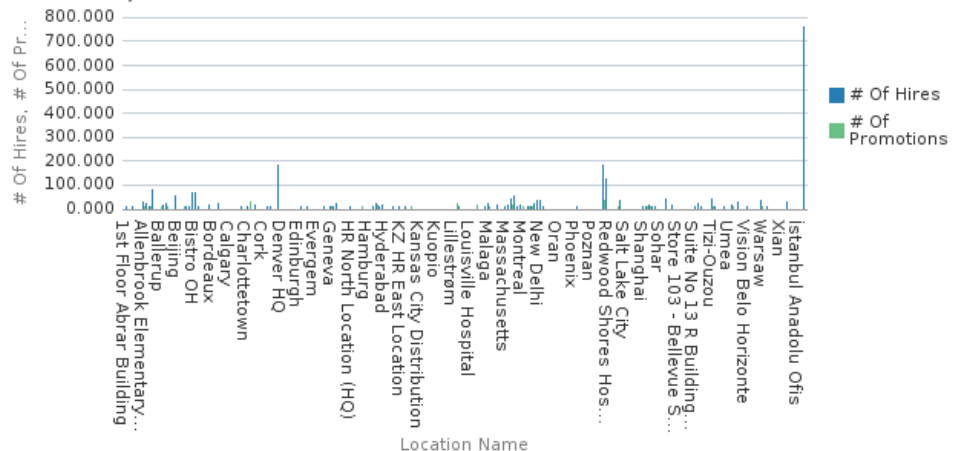
Pivot

Summary Pivot

☒ Preview

Location Name	# Of Hires	# Of Promotions
1st Floor Abrar Building	1	0
3rd Floor Abrar Building	10	4
AU Council Melbourne	3	0
Aalborg	8	5
Al Khuwair	1	0
Al Maktoum Branch	1	0
Allenbrook Elementary School	1	0
Amsterdam	31	12
Ankara Ofis	25	3

Of Hires, # Of Promotions



BI Composer

Step3. Edit Table

Progress: 1 Select 2 Select 3 **Edit Table** 4 Edit Graph 5 Sort and 6 Highlight 7 Save

Edit Analysis Demo - Global Headcount by Location: Edit Table

Edit table properties and layout.

Table Layout

Columns **Move To ▼**

- Location Name
- # Of Hires
- # Of Promotions

Prompt For **Move To ▼**

- Prompt For
- Section By
- Excluded

Additional Layout Options

Prompt For **Move To ▼**

Section By **Move To ▼**

Excluded **Move To ▼**

☒ Preview

Location Name	# Of Hires	# Of Promotions
1st Floor Abrar Building	1	0
3rd Floor Abrar Building	10	4
AU Council Melbourne	3	0
Aalborg	8	5
Al Khuwair	1	0
Al Maktoum Branch	1	0
Allenbrook Elementary School	1	0
Amsterdam	31	12
Ankara Ofis	25	3
Antwerp	11	8
Atlanta	80	14
Atlanta	1	0
Auckland	3	1
Ballerup	6	2
Bangalore	5	8
Bangkok	13	0

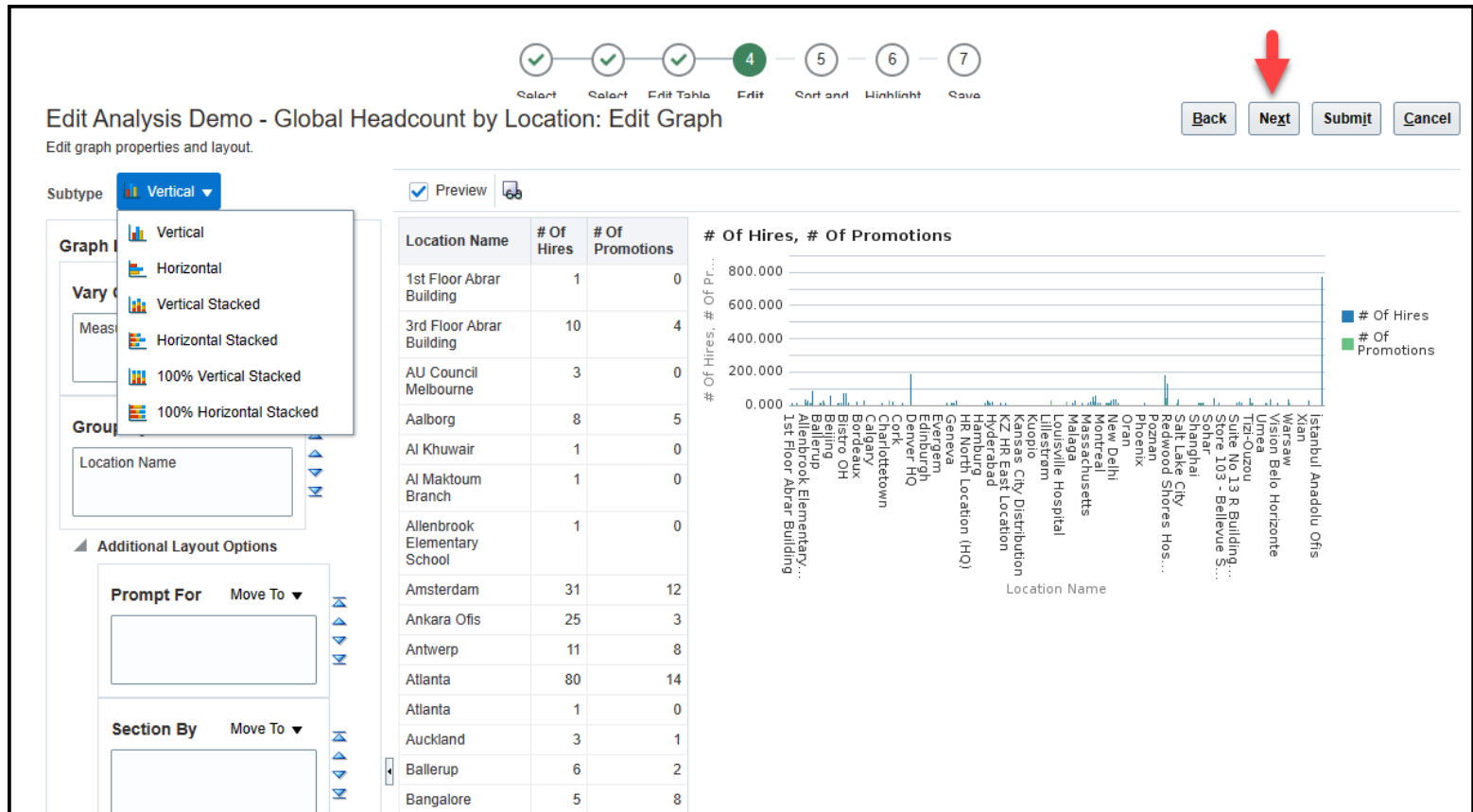
Of Hires, # Of Promotions

Legend: # Of Hires (Blue), # Of Promotions (Green)



BI Composer

Step4. Edit Graph



BI Composer

Step5. Sort and Filter

✓

✓

✓

✓

5

6

7

SelectSelectEdit TableEdit GraphSort andHighlightSave

↓

BackNextSubmitCancel

Edit Analysis Demo - Global Headcount by Location: Sort and Filter

Sort columns and apply filter.

Sort

No sorting applied, click 'Add Sort'

+ Add Sort

Filter

No filters applied, click 'Add Filter'

+ Add Filter

Location Name

Of Hires

Of Promotions

More Columns...

Saved Filters...

☒ Preview

Location Name	# Of Hires	# Of Promotions
1st Floor Abrar Building	1	0
3rd Floor Abrar Building	10	4
AU Council Melbourne	3	0
Aalborg	8	5
Al Khuwair	1	0
Al Maktoum Branch	1	0
Allenbrook Elementary School	1	0
Amsterdam	31	12
Ankara Ofis	25	3
Antwerp	11	8

Of Hires, # Of Promotions

Of Hires, # Of Promotions

Location Name



BI Composer

Step6. Highlight

7

6

5

4

3

2

1

SelectSelectEdit TableEdit GraphSort andHighlightSave

BackNextSubmitCancel

Edit Analysis Demo - Global Headcount by Location: Highlight

Apply conditional formatting highlights to table

Formatting

Indicates Incomplete Format (not applied to report)

Column	Threshold	Color	Action
# Of Hires	5	Red	
	10	Yellow	
		Green	

+ Add Column Format

Preview

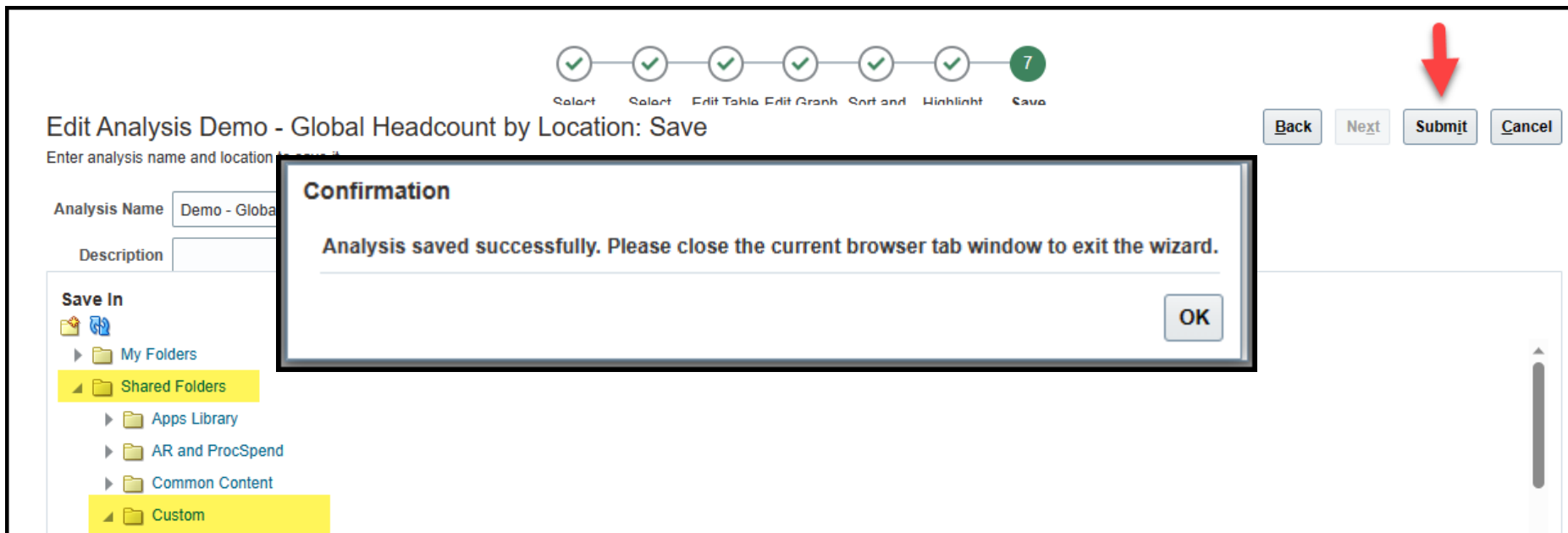
Location Name	# Of Hires	# Of Promotions
1st Floor Abrar Building	1	0
3rd Floor Abrar Building	10	4
AU Council Melbourne	3	0
Aalborg	8	5
Al Khuwair	1	0
Al Maktoum Branch	1	0
Allenbrook Elementary School	1	0
Amsterdam	31	12
Ankara Ofis	25	3
Antwerp	11	8
Atlanta	80	14
Atlanta	1	0
Auckland	3	1

Of Hires, # Of Promotions



BI Composer

Step7. Save



The screenshot displays the 'Save' step (Step 7) of the BI Composer wizard. At the top, a progress bar shows seven steps, with the seventh step, 'Save', highlighted in green and marked with a '7'. Below the progress bar, the title 'Edit Analysis Demo - Global Headcount by Location: Save' is visible. To the right of the title are four buttons: 'Back', 'Next', 'Submit', and 'Cancel'. A red arrow points down to the 'Submit' button. On the left side, there is a 'Save In' section with a tree view of folders: 'My Folders', 'Shared Folders' (expanded), 'Apps Library', 'AR and ProcSpend', 'Common Content', and 'Custom'. The 'Analysis Name' field contains 'Demo - Global' and the 'Description' field is empty. A confirmation dialog box is centered on the screen, titled 'Confirmation', with the message 'Analysis saved successfully. Please close the current browser tab window to exit the wizard.' and an 'OK' button.

Progress bar: Select, Select, Edit Table, Edit Graph, Sort and, Highlight, **7 Save**

Buttons: Back, Next, **Submit**, Cancel

Analysis Name: Demo - Global

Description:

Save In:

- My Folders
- Shared Folders**
 - Apps Library
 - AR and ProcSpend
 - Common Content
 - Custom**

Confirmation dialog:

Confirmation

Analysis saved successfully. Please close the current browser tab window to exit the wizard.

OK



BI Composer

≡ vision

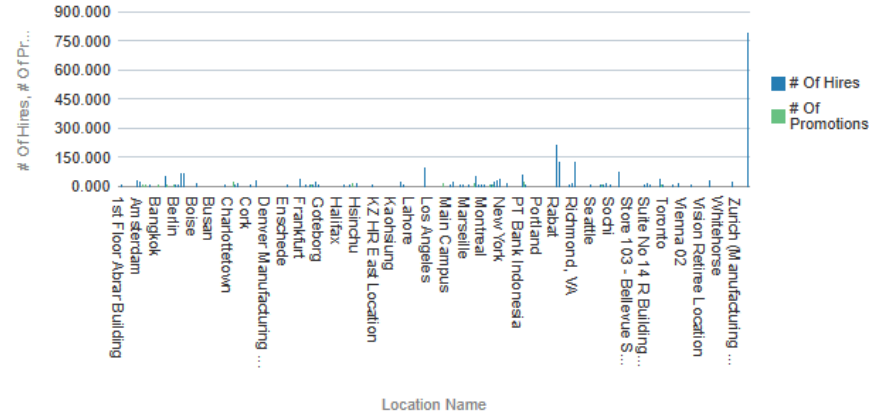
Demo - Global Headcount by Location



Done

Location Name	# Of Hires	# Of Promotions
1st Floor Abrar Building	1	0
3rd Floor Abrar Building	10	4
AU Council Melbourne	3	0
Aalborg	13	5
Al Khuwair	1	0
Al Maktoum Branch	1	0
Allenbrook Elementary School	6	0
Amsterdam	31	12
Ankara Ofis	25	3
Antwerp	11	8
Atlanta	81	14
Atlanta	1	0
Auckland	3	1
Ballerup	9	2
Bangalore	5	8
Bangkok	13	0
Barcelona	23	12
Basel (Maintenance Plant A)	2	0

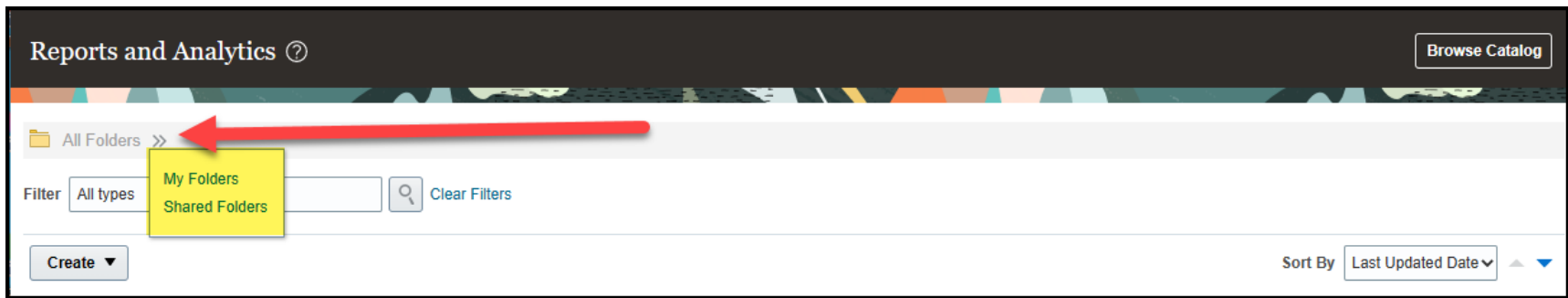
Of Hires, # Of Promotions



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BI Composer

- ❏ How to Run Analyses (Queries)
 - Browse Catalog (Object Directory Structure):



My Folders

- Private Objects
- Similar to Private Queries in PeopleSoft.
- **Analyses, Visualizations, Dashboards**

Shared Folders

- Shared Objects
- Similar to Public Queries in PeopleSoft.
- **Custom Folder, Delivered Product Folders**



BI Composer

How to Run Analyses (Queries)

- Shared Folders > Custom > HCM > HCM Other Reports > Workforce Management:

The screenshot displays the Oracle BI Composer web interface. The top navigation bar includes the 'vision' logo, a search icon, a home icon, a star icon, a document icon, a notification bell with '13' alerts, and a user profile icon. Below the navigation bar, the text 'Reports and Analytics' is visible, along with a 'Browse Catalog' button. The main content area shows a breadcrumb trail: 'All Folders >> Shared Folders >> Custom >> HCM >> HCM Other Reports >> Workforce Management'. Below the breadcrumb trail, there is a filter section with a 'Filter' dropdown set to 'All types', a 'Favorites' button, and a 'Clear Filters' button. A 'Create' button with a dropdown arrow is also present. The main content area lists two reports:

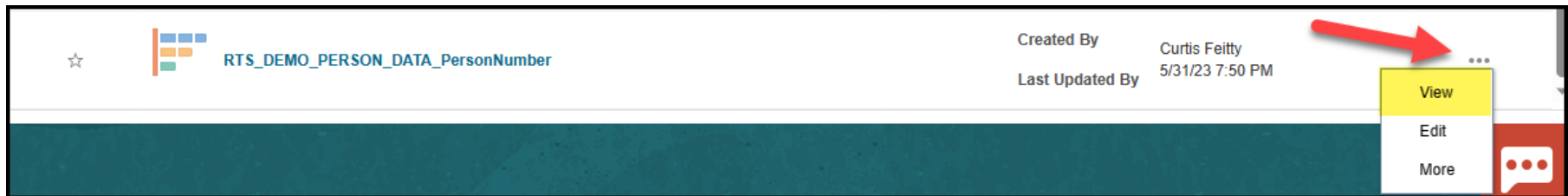
Report Name	Created By	Last Updated By	Last Updated
RTS_DEMO_PERSON_DATA	Curtis Feitty		5/31/23 6:00 PM
RTS_DEMO_PERSON_DATA_PersonNumber	Curtis Feitty		5/31/23 7:50 PM



BI Composer

How to Run Analyses (Queries)

- Shared Folders > Custom > HCM > HCM Other Reports > Workforce Management:



View

- “View” results of Analysis selected.

Edit

- “Edit” selected Analysis.

More

- “More” pushes you to another tab in your browser to the OTBI environment.



BI Composer

How to Run Analyses (Queries)

- Scroll down to Export to Excel

vision

RTS_DEMO_PERSON_DATA_PersonNumber

Done

Person Number	First Name	Last Name	Address Line 1	Address Line 2	Address Line 3	Address Line 4	Region 1	Region 2	Region 3	City	Country	Postal Code	Person User Name	Manager Name	Manager Person Number	Primary Email
1	Mélanie	Duval	18 Avenue de la république							Courbevoie	FR	92401	Mélanie.Duval	Duchemin, Pascal	4067	melanie.duval_euth-dev36@oraclepdemos
10	Mandy	Steward	182 Ferry Road				San Mateo	CA		Burlingame	US	94011	MANDY.STEWARD			mandy.steward_euth-dev36@oraclepdemos
100	Brian	Joseph	PO Box 1241				Fulton	GA		Atlanta	US	30328	BRIAN.JOSEPH	Jackman, Robert	541	brian.joseph_euth-dev36@oraclepdemos
1006	Antonio	Santos	4689 Z Street				Sacramento	CA		Sacramento	US	95816	ANTONIO.SANTOS			antonio.santos_euth-dev36@oraclepdemos
1007	Christelle	Stevenson	2139 Arctic Boulevard				Anchorage Borough	AK		Anchorage	US	99521	CHRISTELLE.STEVENSON	Santos, Antonio	1006	christelle.stevenson_euth-dev36@oraclepdemos
1009	Daryl	Reese	521 S. Mill Street				Pitkin	CO		Aspen	US	81611	DARYL.REESE	Santos, Antonio	1006	daryl.reese_euth-dev36@oraclepdemos



BI Composer

How to Run Analyses (Queries)

- Scroll down to Export to Excel
- Review Downloads Folder to retrieve file

The screenshot displays the BI Composer interface. A data table is shown with columns for ID, Name, Address, Location, and other details. The 'Export' button is highlighted, and a dropdown menu is open showing options: Excel, CSV, Tab Delimited, Formatted, Data, and XML. A confirmation dialog box is overlaid on the table, stating 'The Export process is complete.' with a green checkmark and an 'OK' button.

ID	Name	Address	Location	Other
1025	Matthew Dowling	123 East Street	Essex MA	West Newbury US
1026	Jeff Conn	123 Main Street	Middlesex MA	Melrose Highlands US
1027	Tom Logue	123 East Street	Middlesex MA	Melrose Highlands US
1028	Heejun Park	3621 33rd Ave S	King WA	Seattle US
1029	Skylar Finch	1017 Middlefield Road	San Mateo CA	Redwood City US
1030	Perry Rosado	4222 Allendorf Dr	Hamilton OH	Cincinnati US
1031	Phillip McArthur		San Mateo CA	San Bruno US

Export Options: Excel, CSV, Tab Delimited, Formatted, Data, XML

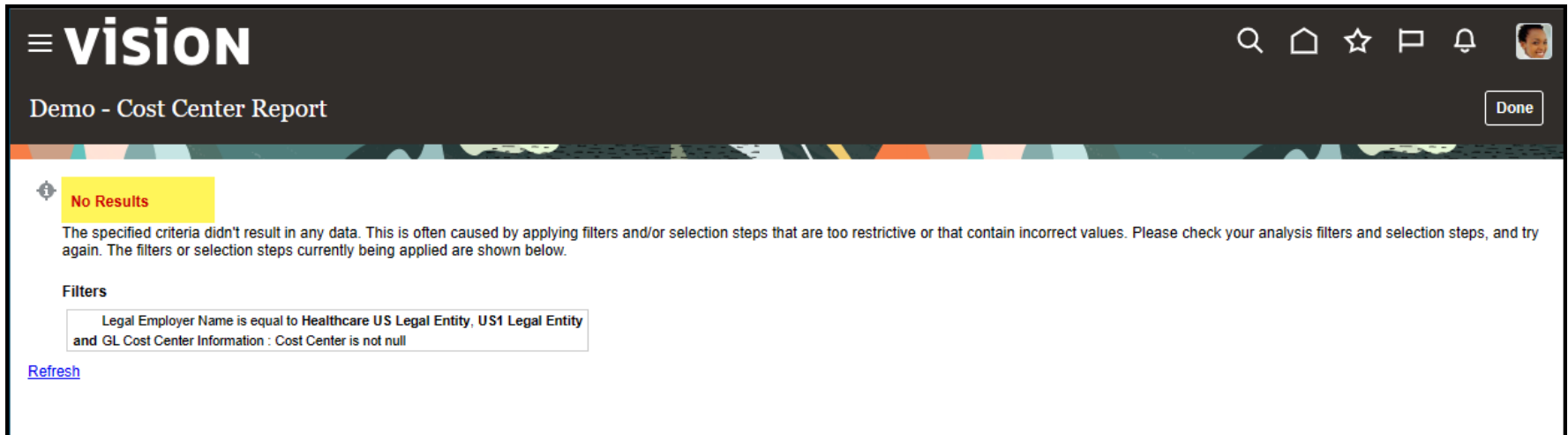
Confirmation Dialog: The Export process is complete. OK



BI Composer

❏ Security

- App option not available *{Tools > Reports and Analytics }*
- Analysis object available, but Access to data denied: **No Results**



The screenshot shows the Vision BI Composer interface. The header includes the 'vision' logo, a search icon, a home icon, a star icon, a flag icon, a bell icon, and a user profile icon. Below the header, the title 'Demo - Cost Center Report' is displayed, followed by a 'Done' button. The main content area features a yellow 'No Results' banner with an information icon. Below the banner, a message explains that the specified criteria did not result in any data due to restrictive filters or incorrect values. The filters applied are: 'Legal Employer Name is equal to Healthcare US Legal Entity, US1 Legal Entity' and 'GL Cost Center Information : Cost Center is not null'. A 'Refresh' link is provided at the bottom left of the filters section.

vision

Demo - Cost Center Report

Done

No Results

The specified criteria didn't result in any data. This is often caused by applying filters and/or selection steps that are too restrictive or that contain incorrect values. Please check your analysis filters and selection steps, and try again. The filters or selection steps currently being applied are shown below.

Filters

Legal Employer Name is equal to Healthcare US Legal Entity, US1 Legal Entity
and GL Cost Center Information : Cost Center is not null

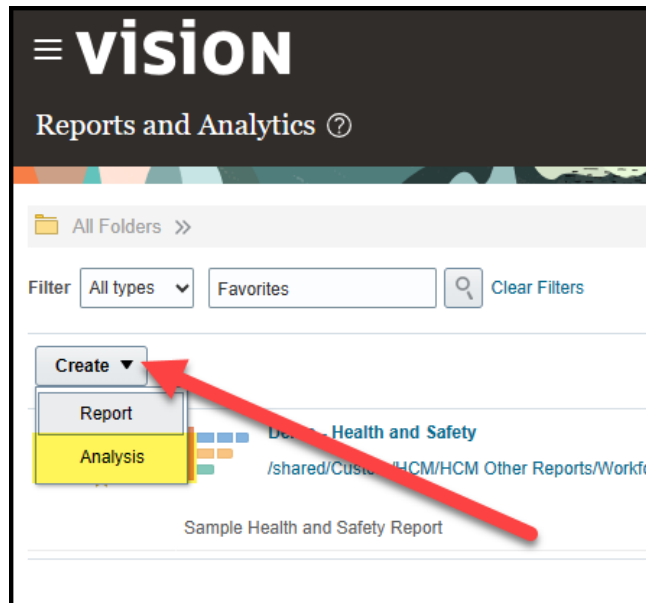
[Refresh](#)

Send Request to Security Team for Data Access to run reports for the area of application support.



Intro Subject Areas

Create > Analysis



vision
Reports and Analytics ?

All Folders >>

Filter All types Favorites Clear Filters

Create ▼
Report
Analysis

Health and Safety
/shared/Customer HCM/HCM Other Reports/Workfo

Sample Health and Safety Report

Select Subject Area			Continue	Cancel
Search	Search			
<input type="checkbox"/>	Absence Management - Leave Donations Real Time	Real time information on absence donation metrics and attributes		
<input type="checkbox"/>	Benefits - Action Items Real Time	Real time information on action items for participants to enroll in a benefit or to des...		
<input type="checkbox"/>	Benefits - Billing Real Time	Create real-time billing reports for participants receiving benefits from an organizati...		
<input type="checkbox"/>	Benefits - Court Orders Real Time	Real time information on court orders to monitor qualified medical support court or...		
<input type="checkbox"/>	Benefits - Enrollment Opportunities Real Time	Real time information on eligible choices for a participant.		
<input type="checkbox"/>	Benefits - Enrollments Real Time	Real time enrollment information for plan participants.		
<input type="checkbox"/>	Benefits - Person Information Real Time	Real time information on a person's benefit groups, balances, external plan covera...		
<input type="checkbox"/>	Benefits - Potential Life Events Real Time	Real time information on all life events for a person, including identification of whic...		
<input type="checkbox"/>	Benefits - Setup Real Time	Real time information on program, plan type, plan, option, and other object definitio...		
<input type="checkbox"/>	Budgetary Control - Balances Real Time	Real time information about budgetary control balances. This includes budget, con...		
<input type="checkbox"/>	Budgetary Control - Transactions Real Time	Real time information about transactions that have been validated with budgetary c...		
<input type="checkbox"/>	CRM - CRM Activities with Related Activities	Used to analyze/report on the association between appointments or tasks for exa...		
<input type="checkbox"/>	CRM - CRM Activity Contact Real Time	Used to analyze/report on all the Contacts/Contact Roles on an Activity. Contact di...		
<input type="checkbox"/>	CRM - CRM Activity Objective Real Time	Used to analyze/report on all the Objectives defined on an Activity. This SA can be ...		
<input type="checkbox"/>	CRM - CRM Activity Real Time			



Intro Subject Areas

Definition

Subject Areas are the building blocks of your Analytics.

Analytics are built by **choosing an appropriate subject area** that has information that answers the business question you're analyzing.

Technically, subject areas are a **grouping of information** pieces called **data objects** that relate to each other in a particular context.

Security: Job Roles are associated with **Duty Roles**, and together control access to subject areas.

Select	Subject Areas
<input type="checkbox"/>	Workforce Management - Eligible Jobs Real Time Provides information about the additional jobs that are tagged to the worker along with their assignment jobs. This information is required for line managers and analysts in cases where the workers have to step in for jobs which are other than their primary jobs. This subject area has information on the additional jobs, the job rate, the effective start and end dates along with the other common dimension information. With this the customers would be able to report on all the workers that have additional eligible jobs along with the details of those
<input type="checkbox"/>	Workforce Management - Employment Contract Real Time Real time information on employment contract metrics and attributes.
<input type="checkbox"/>	Workforce Management - Grade Rate Real Time Real time information on grade and grade rate attributes and metrics.
<input type="checkbox"/>	Workforce Management - Historical Processed Time Cards Real Time Provides an historical view of changes made to processed time cards
<input type="checkbox"/>	Workforce Management - Historical Reported Time Cards Real Time Provides an historical view of changes made to reported time cards
<input type="checkbox"/>	Workforce Management - Person Seniority Real Time Real time information on person seniority dates.
<input type="checkbox"/>	Workforce Management - Planned Schedules Real Time Real time information on planned schedules.
<input type="checkbox"/>	Workforce Management - Position Real Time Real time information on position.
<input type="checkbox"/>	Workforce Management - Processed Time Cards Real Time Real-time information on time cards with time data calculated by rules
<input type="checkbox"/>	Workforce Management - Published Schedules Real Time Real time information on published schedules.
<input type="checkbox"/>	Workforce Management - Reported Time Cards Real Time Real-time information on time cards with time data calculated by rules



Intro Subject Areas

❑ Choosing the Data Source

OTBI organizes reporting data elements like **Dimensions** and **Facts** by business function in **Subject Areas**.

All OTBI Subject Area names in FSCM and HCM end with “**Real Time**”.

Select	Subject Areas
<input type="checkbox"/>	Workforce Management - Eligible Jobs Real Time Provides information about the additional jobs that are tagged to the worker along with their assignment jobs. This information is required for line managers and analysts in cases where the workers have to step in for jobs which are other than their primary jobs. This subject area has information on the additional jobs, the job rate, the effective start and end dates along with the other common dimension information. With this the customers would be able to report on all the workers that have additional eligible jobs along with the details of those
<input type="checkbox"/>	Workforce Management - Employment Contract Real Time Real time information on employment contract metrics and attributes.
<input type="checkbox"/>	Workforce Management - Grade Rate Real Time Real time information on grade and grade rate attributes and metrics.
<input type="checkbox"/>	Workforce Management - Historical Processed Time Cards Real Time Provides an historical view of changes made to processed time cards
<input type="checkbox"/>	Workforce Management - Historical Reported Time Cards Real Time Provides an historical view of changes made to reported time cards
<input type="checkbox"/>	Workforce Management - Person Seniority Real Time Real time information on person seniority dates.
<input type="checkbox"/>	Workforce Management - Planned Schedules Real Time Real time information on planned schedules.
<input type="checkbox"/>	Workforce Management - Position Real Time Real time information on position.
<input type="checkbox"/>	Workforce Management - Processed Time Cards Real Time Real-time information on time cards with time data calculated by rules
<input type="checkbox"/>	Workforce Management - Published Schedules Real Time Real time information on published schedules.
<input type="checkbox"/>	Workforce Management - Reported Time Cards Real Time Real-time information on time cards with time data calculated by rules



Intro Subject Areas

- What Subject Area do I choose for my Analysis? *{HCM Subject Areas Guide}*

Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Oracle Fusion Cloud Applications Content

This page includes links to documentation and forums for Oracle Fusion Cloud Applications Content.

- **Subject areas:** Describes the business purpose and security of the business data.
- **Data lineage:** Documents the relationship between subject areas, views, and reports.
- **Prebuilt analyses and reports:** Describes the analytics that come with the data.
- **Reporting forum:** Provides a place to ask questions, connect with experts, and share best practices.



Oracle Human Capital Management

Subject areas

Data lineage

Prebuilt analyses and reports

Reporting forum

More...



Intro Subject Areas

- Subject Area identified for Analysis. *{HCM Subject Areas Guide}*

Workforce Management - Person Real Time

Description

This subject area is used to report workers personal information such as worker address, emergency contacts, phone numbers, email address, national ID, religion, ethnicity, and work permit. This subject area is often used in conjunction with the other HCM subject areas to combine workers personal information, assign latest personal information as of today. However, the default as-of date and include history data.

Job Roles

The following job roles secure access to this subject area:

- Human Resource Analyst
- Line Manager

Duty Roles

The following duty roles secure access to this subject area:

- Workforce Transaction Analysis Duty

Primary Navigation

My Client Groups > Quick Actions > Manage Person OR My Client Groups > Apps > Person Management

Time Reporting

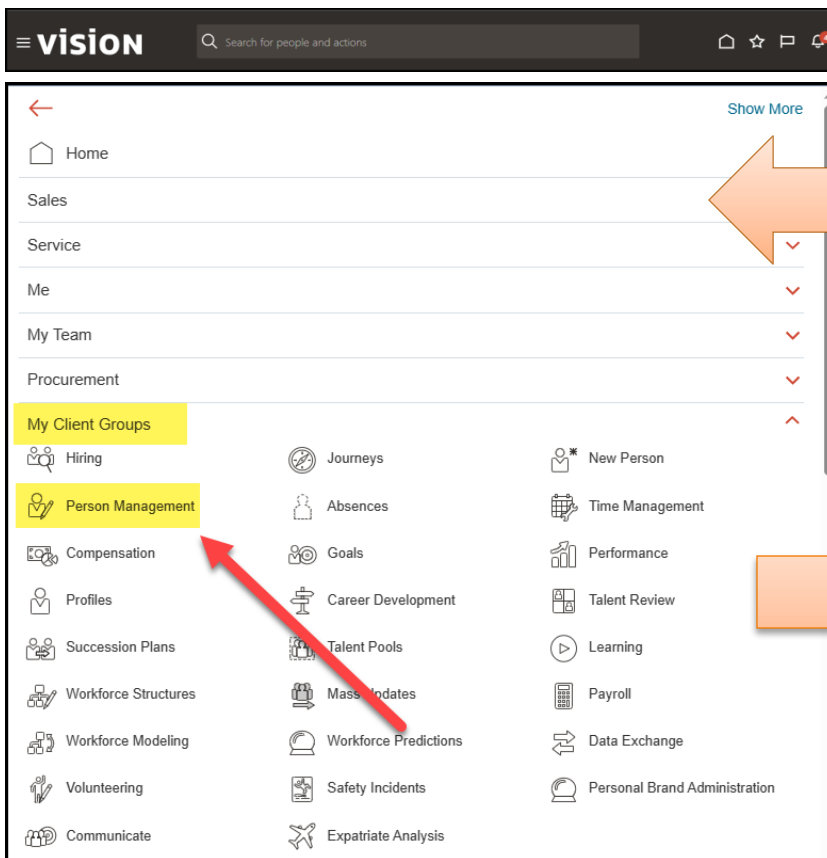
This does not support history data. However, you can use a SQL prefix SET VARIABLE PARAM_EFFECTIVE_DATE= history date to reset the default as-of date and include history data or future effective dated changes.

Time dimension is linked to "Person Details.Effective Start Date".



Intro Subject Areas

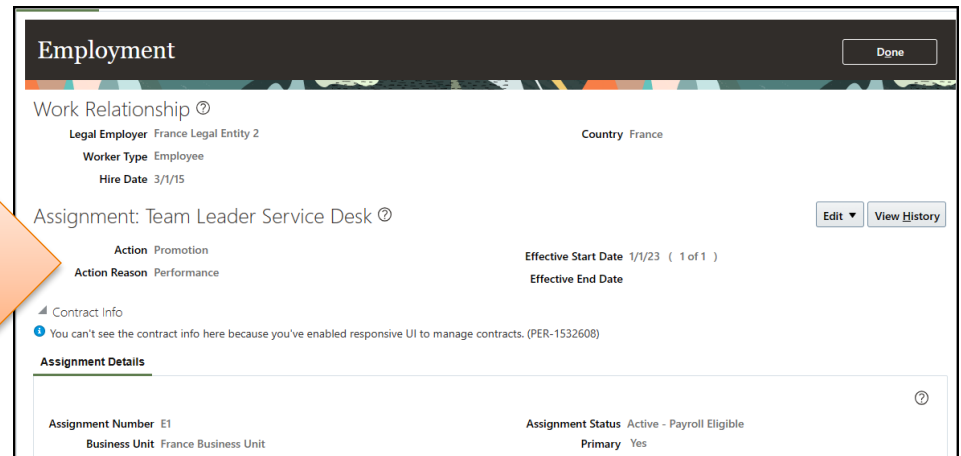
Subject Area → identify Primary Navigation. *{HCM Subject Areas Guide}*



Workforce Management - Person Real Time

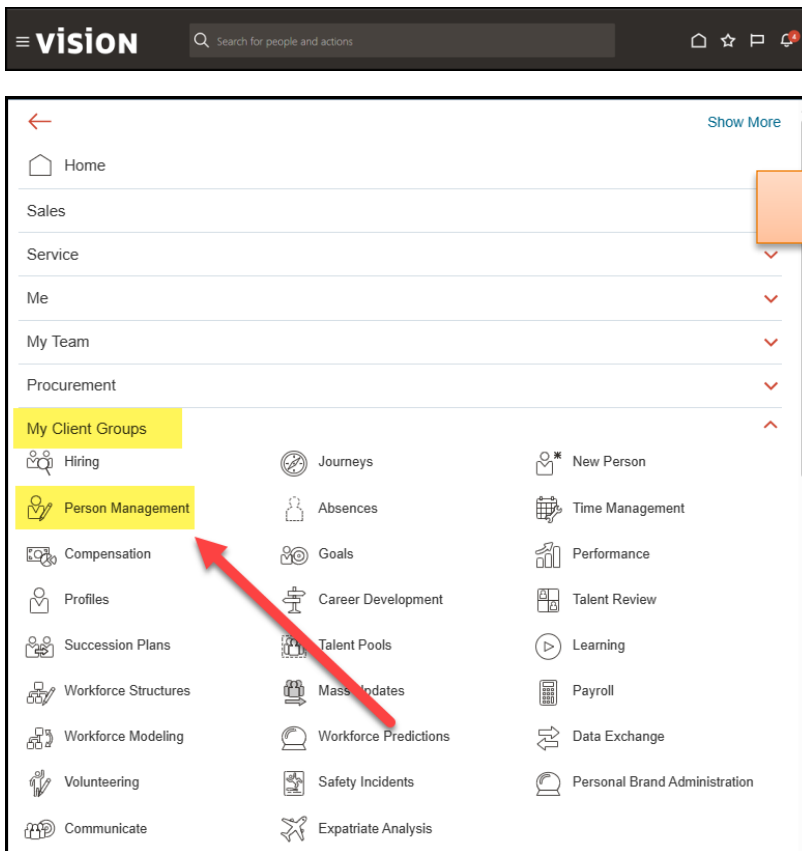
Primary Navigation

My Client Groups > Quick Actions > Manage Person OR My Client Groups > Apps > Person Management



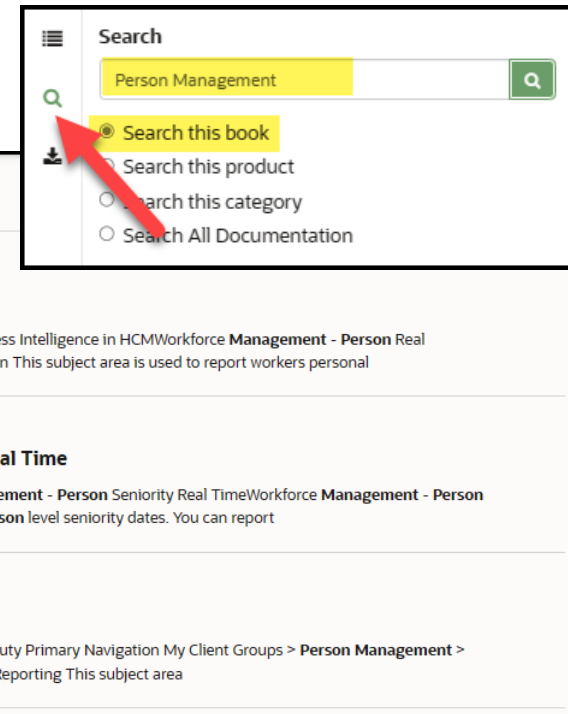
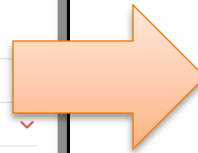
Intro Subject Areas

❏ Primary Navigation → identify Subject Area(s). *{HCM Subject Areas Guide}*



Oracle Fusion Cloud HCM

Subject Areas for Transactional Business Intelligence in HCM



Intro Subject Areas

❑ Do you need to report Historical Data ("Time Reporting")?

Effective-dated rows exist to retain historical data, view data changes over time, and store future data.

Three categories of effective-dated rows are used:

**History - Rows of data where the Effective Date is less than the Effective Date of the current row.*

**Current - "Top of Stack" The row of data with the highest Effective Date/sequence number less than or equal to today's system date.*

Concept: **Future - Rows of data where the Effective Date is greater than today's system date.*

emplid	effdt	status	location	deptid	bill rate	title	Notes:
1234	1/1/1901	A	st louis	100	35	specialist	initial row for emplid
1234	1/1/2023	A	st louis	100	50	sr specialist	max date less than/equal current date (sysdate)
1234	8/1/2023	I	st louis	100	50	sr specialist	<future dated row>

Current Day = 07/14/2023



Intro Subject Areas

❑ Oracle Fusion supports Historical Reporting

Subject Areas w/Time Dimension

- Time dimension corresponds to the transaction's Effective Date.
- Includes historical data.
- **Workforce Management – Worker Assignment Event Real Time**

Subject Areas w/o Time Dimension

- Designed to report current information.
- "Top of Stack" row returns.
- **Workforce Management - Person Real Time**

Dimensional Attributes

- By default, dimensional attributes are current information only.
- Reset the default as-of date using a logical SQL prefix to get historical dimensional attribute(s).
- **Analysis Editor (OTBI) – Advanced tab (Advanced SQL Clauses)**



Intro Subject Areas

❑ Historical Reporting :: See Subject Area – Time Reporting *{HCM Subject Areas Guide}*

■ Workforce Management – Worker Assignment Event Real Time

Time Reporting

The worker assignment events history data is available for reporting in this subject area.

Time dimension is linked to "Assignment Event Details". Effective Start Date.

■ Workforce Management – Person Real Time

Time Reporting

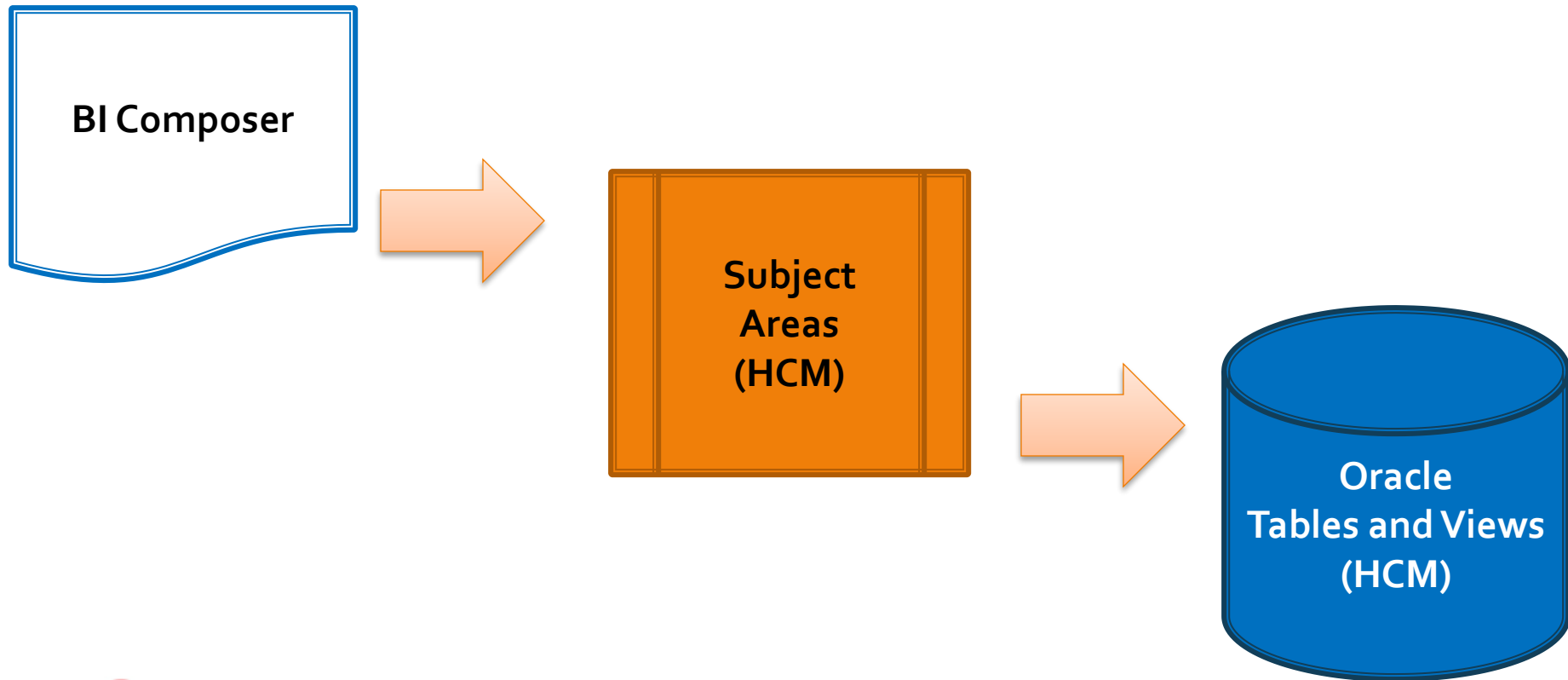
This does not support history data. However, you can use a SQL prefix SET VARIABLE PARAM_EFFECTIVE_DATE= history date to reset the default as-of date and include history data or future effective dated changes.

Time dimension is linked to "Person Details". Effective Start Date.



Intro Subject Areas

□ Subject Area to Table Mapping



Intro Subject Areas

□ Subject Area to Table Mapping *{Table and Views for HCM Guide}*

HCM Tables and Views

This guide contains the information about tables within Oracle HCM Cloud and their columns, primary keys, and indexes. The guide also includes the information about views within Oracle HCM Cloud along with the columns and queries associated with each view. For your reference:

- **Tables are the basic unit of data storage in Oracle HCM Cloud**, where data is stored in rows and columns. For example, the PER_ASG_RESPONSIBILITIES table stores general information about a person's areas of responsibility defined by reference to existing workforce structures. This table stores attributes such as start and end date of responsibility, type of responsibility, status, organization, location, and assignment category.
- **A view is a logical representation of a table or combination of tables.** A view is a stored query that derives its data from the tables on which it is based. For example, the PER_DISPLAY_PHONES_V view shows attributes such as phone type, phone number, speed dial number, extension, country code, and person identifier.



Intro Subject Areas

Subject Area to Table Mapping

{Table and Views for HCM Guide}

PER_PERSONS

This table is new for Fusion, and is created to assist BC4J architecture by providing a non-date tracked parent table to act as the parent for all tables in the Person Model, even PER_ALL_PEOPLE_F itself

Details

- Schema: FUSION
- Object owner: PER
- Object type: TABLE
- Tablespace: APPS_TS

Primary Key

Name

PER_PERSONS_PK

Columns

Name	Datatype	Length	Precision	Not-null	Comments
PERSON_ID	NUMBER		18	Yes	System-generated primary key column.
BUSINESS_GROUP_ID	NUMBER		18	Yes	Identifier of Enterprise, used for multi-tenancy partitioning. Foreign key to HR_ORGANIZATION_UNITS.



Intro Subject Areas

Subject Area to Table Mapping



Oracle Human Capital Management

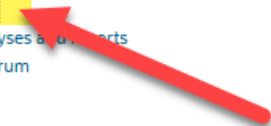
[Subject areas](#)

[Data lineage](#)

[Prebuilt analyses and reports](#)

[Reporting forum](#)

[More...](#)



My Oracle Support

Oracle Human Capital Management Cloud

View HCM Subject Area-to-Database Mappings

Release 13 (Update 23A)

Document Overview

The next tab of this workbook, OTBI Subject Areas, provides the mappings of HCM OTBI subject areas and columns to database tables and columns and to view objects. You can use this sheet to search for a reporting column by subject area or to trace the database table and column or view object for a corresponding subject area column. The subsequent tab, Subject Area Security, provides the combinations of duty and job roles that provide access to each subject area.



Intro Subject Areas

Subject Area to Table Mapping

{Document: Data lineage}

SUBJECT_AREA	PRESENTATION_TABLE	PRESENTATION_COLUMN	DATABASE_OBJECT	DATABASE_COLUMN	INDEXED
Workforce Management - Person Real Time	Person Details	Created By	PER_ALL_PEOPLE_F	CREATED_BY	NO
Workforce Management - Person Real Time	Person Details	Created By	PER_ALL_PEOPLE_F	CREATED_BY	NO
Workforce Management - Person Real Time	Person Details	Creation Date	PER_ALL_PEOPLE_F	CREATION_DATE	NO
Workforce Management - Person Real Time	Person Details	Creation Date	PER_ALL_PEOPLE_F	CREATION_DATE	NO
Workforce Management - Person Real Time	Person Details	Effective End Date	PER_ALL_PEOPLE_F	EFFECTIVE_END_DATE	YES
Workforce Management - Person Real Time	Person Details	Effective End Date	PER_ALL_PEOPLE_F	EFFECTIVE_END_DATE	YES
Workforce Management - Person Real Time	Person Details	Effective Start Date	PER_ALL_PEOPLE_F	EFFECTIVE_START_DATE	YES
Workforce Management - Person Real Time	Person Details	Effective Start Date	PER_ALL_PEOPLE_F	EFFECTIVE_START_DATE	YES
Workforce Management - Person Real Time	Person Details	Last Update Date	PER_ALL_PEOPLE_F	LAST_UPDATE_DATE	YES
Workforce Management - Person Real Time	Person Details	Last Update Date	PER_ALL_PEOPLE_F	LAST_UPDATE_DATE	YES
Workforce Management - Person Real Time	Person Details	Last Updated By	PER_ALL_PEOPLE_F	LAST_UPDATED_BY	NO
Workforce Management - Person Real Time	Person Details	Last Updated By	PER_ALL_PEOPLE_F	LAST_UPDATED_BY	NO
Workforce Management - Person Real Time	Person Details	Person Number	PER_ALL_PEOPLE_F	PERSON_NUMBER	NO
Workforce Management - Person Real Time	Person Details	Person Number	PER_ALL_PEOPLE_F	PERSON_NUMBER	NO
Workforce Management - Person Real Time	Person Details	Start Date	PER_ALL_PEOPLE_F	START_DATE	NO
Workforce Management - Person Real Time	Person Details	Start Date	PER_ALL_PEOPLE_F	START_DATE	NO
Workforce Management - Person Real Time	Person Details	Waive Data Protect	PER_ALL_PEOPLE_F	WAIVE_DATA_PROTECT	NO
Workforce Management - Person Real Time	Person Details	Waive Data Protect	PER_ALL_PEOPLE_F	WAIVE_DATA_PROTECT	NO
Workforce Management - Person Real Time	Person Details	Waive Data Protect Code	PER_ALL_PEOPLE_F	WAIVE_DATA_PROTECT_CODE	NO
Workforce Management - Person Real Time	Person Details	Waive Data Protect Code	PER_ALL_PEOPLE_F	WAIVE_DATA_PROTECT_CODE	NO

Subject Areas

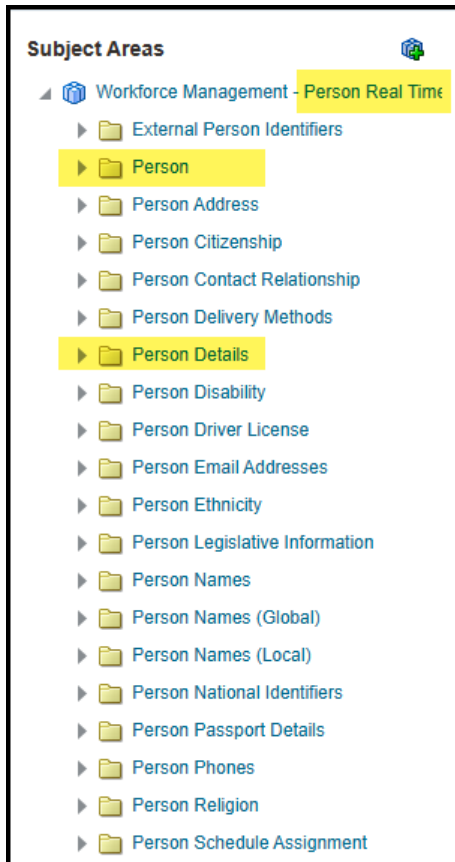
- Workforce Management - Person Real Time
 - External Person Identifiers
 - Person
 - Person Address
 - Person Citizenship
 - Person Contact Relationship
 - Person Delivery Methods
 - Person Details
 - Person Disability
 - Person Driver License
 - Person Email Addresses
 - Person Ethnicity
 - Person Legislative Information
 - Person Names
 - Person Names (Global)
 - Person Names (Local)
 - Person National Identifiers
 - Person Passport Details
 - Person Phones
 - Person Religion
 - Person Schedule Assignment

- Presentation Table => Subject Area Folder
- Presentation Columns => Subject Area Columns (Fields)



Intro Subject Areas

Components of Subject Areas



Subject Area: Workforce Management – Person Real Time

Fact Folder: includes measures (aggregate functions)
Same name as the Subject Area (minus Real Time)

Dimension Folder(s): multiple dimensions joined to a single Fact
“Details” folder contains all the attributes of the Fact

Base Subject Area (minus Real Time) + “Details”



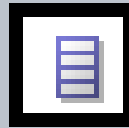
Intro Subject Areas

Components of Subject Areas – Column Types



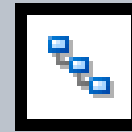
Measure

- Provides a measure of something, meaning that the values are numbers.
- Icon: Ruler
- Ex. Total



Attribute

- Represents a piece of information about a business object, with values that are dates, IDs, or text.
- Icon: List
- Ex. Start Date



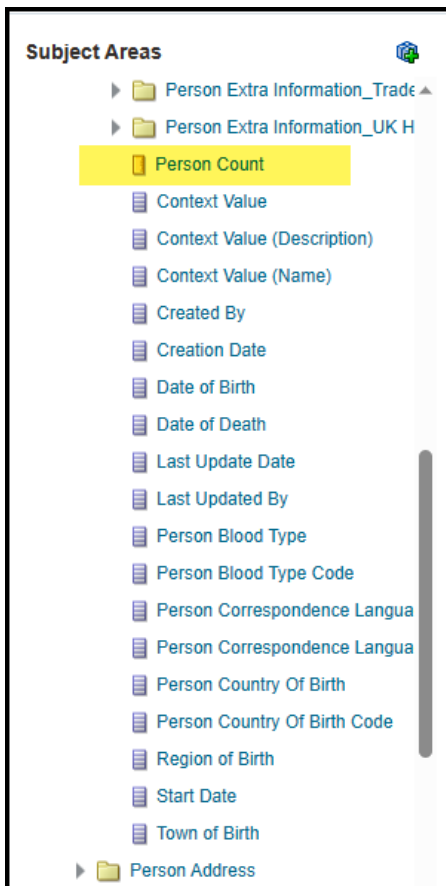
Hierarchy

- Holds data values that are organized in a hierarchical manner.
- Icon: Parent/Child
- Ex. Department



Intro Subject Areas

Components of Subject Areas – Column Types



Subject Area: Workforce Management – Person Real Time

Fact Folder – contains measure field(s) (aggregate functions)
Same name as the Subject Area (minus Real Time)

Person = Fact Folder



***Measure field(s)** identified by the Ruler icon
(Count, Sum, Min, Max)

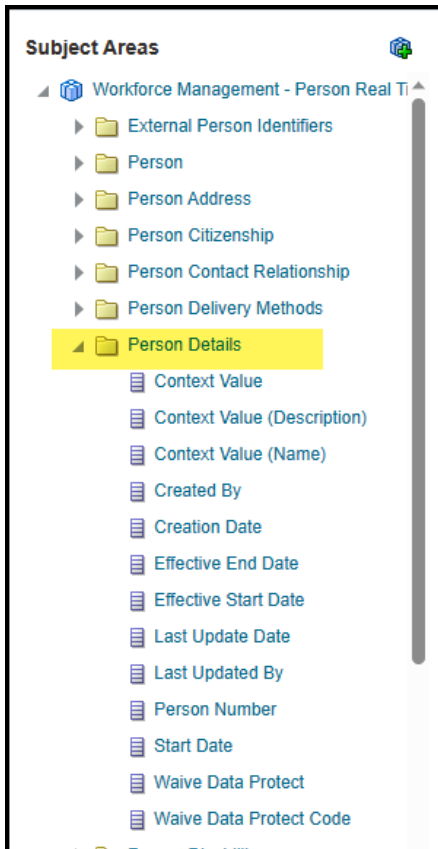


***Attribute field(s)** identified by the List icon



Intro Subject Areas

Components of Subject Areas – Column Types



Subject Area: Workforce Management – Person Real Time

Dimension Folder(s) – multiple dimensions joined to a single Fact

*“Details” folder contains all the attributes of the fact.



*Attribute field(s) identified by the List icon



Session Demo

HCM Demo

- Navigation
- Catalog
- BI Composer
 - Modify Analysis
- OTBI Help

Highlighted Sites

- Subject Areas – Oracle Fusion Cloud HCM
- Tables and Views for HCM

Highlighted Docs

- HCM Subject Area to Table Mapping
- HCM Reports and Analyses



Closing Remarks

❖ Summary

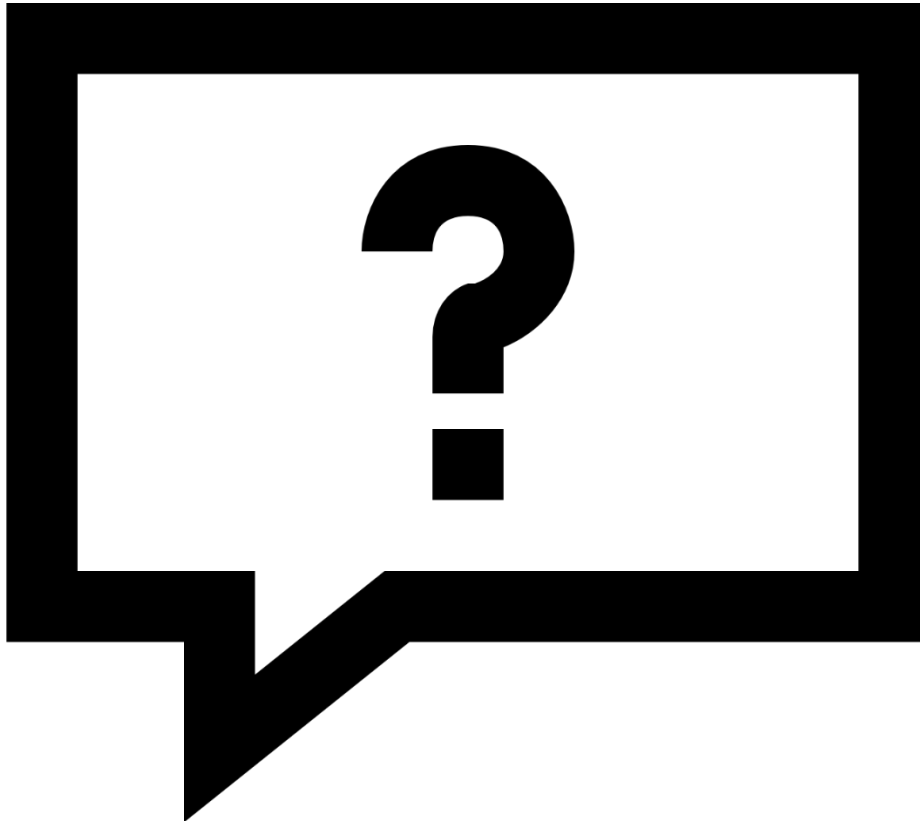
- ❑ Navigation: Tools > Reports and Analytics
- ❑ Multiple options in building/running Queries
 - BI Composer – Basic tool
 - Analysis Editor (OTBI) – Advanced tool
- ❑ Subject Areas are used as the data source for the Query
 - Primary Navigation
 - Time Reporting
 - Linked to Oracle Tables and Views
 - Components of Subject Areas
- ❑ Oracle Cloud Help – entry way to valuable information!

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Questions



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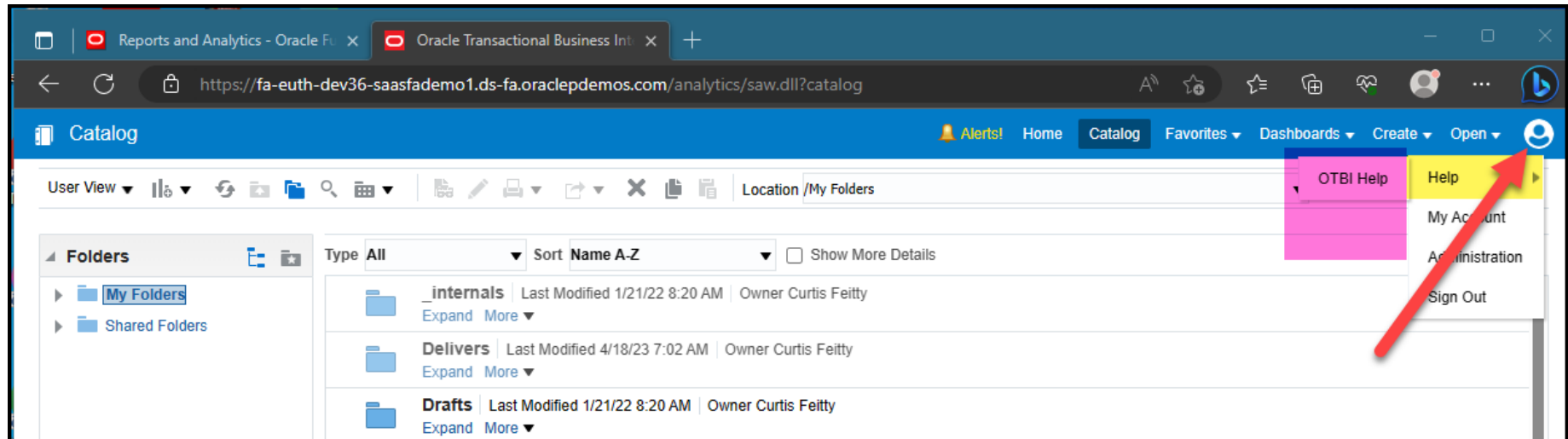
Website:

www.aspire-consulting.com



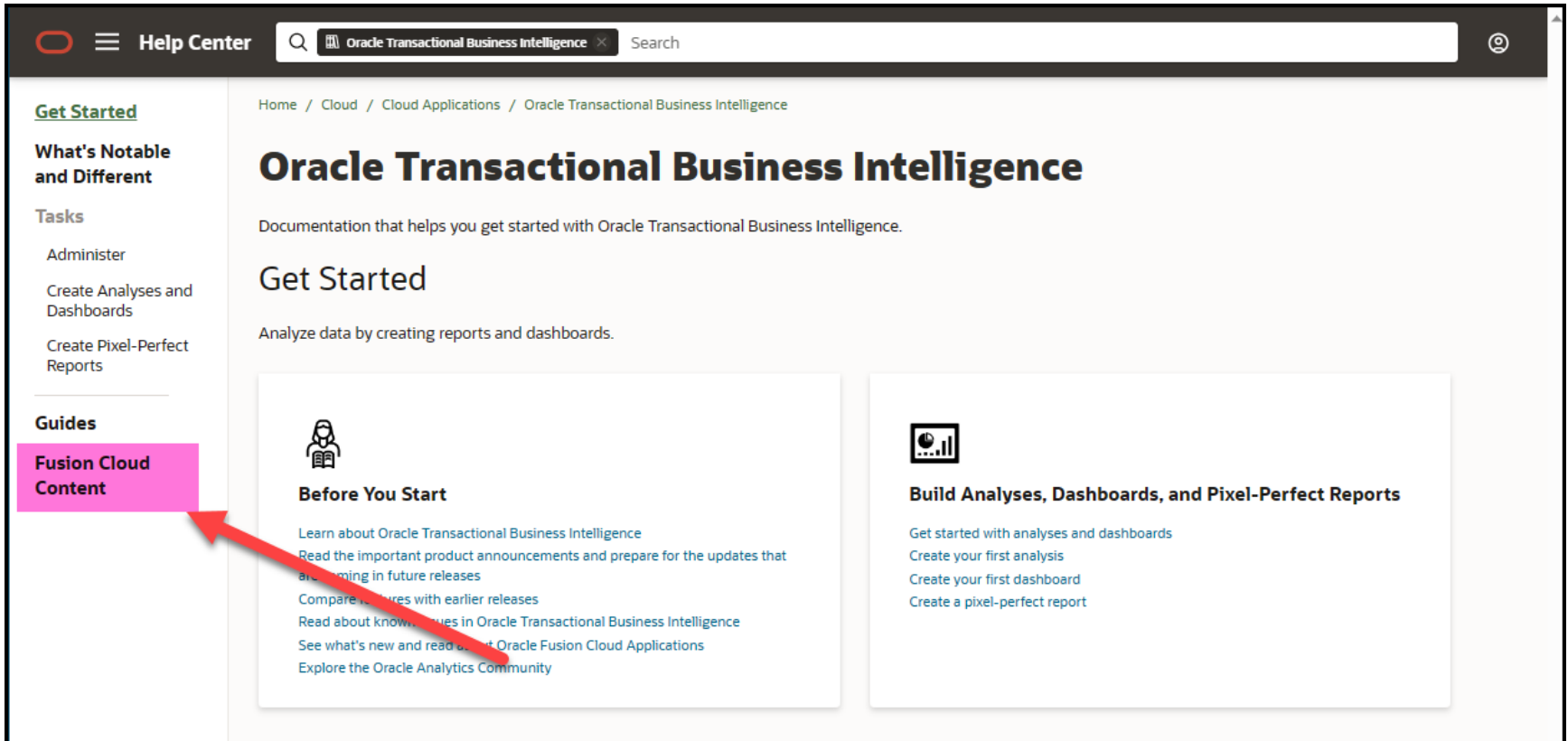
OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:



Help Center Oracle Transactional Business Intelligence Search

[Get Started](#)

What's Notable and Different

Tasks

- Administer
- Create Analyses and Dashboards
- Create Pixel-Perfect Reports

Guides

Fusion Cloud Content


Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Documentation that helps you get started with Oracle Transactional Business Intelligence.


Get Started

Analyze data by creating reports and dashboards.



Before You Start

- Learn about Oracle Transactional Business Intelligence
- Read the important product announcements and prepare for the updates that are coming in future releases
- Compare features with earlier releases
- Read about known issues in Oracle Transactional Business Intelligence
- See what's new and read about Oracle Fusion Cloud Applications
- Explore the Oracle Analytics Community



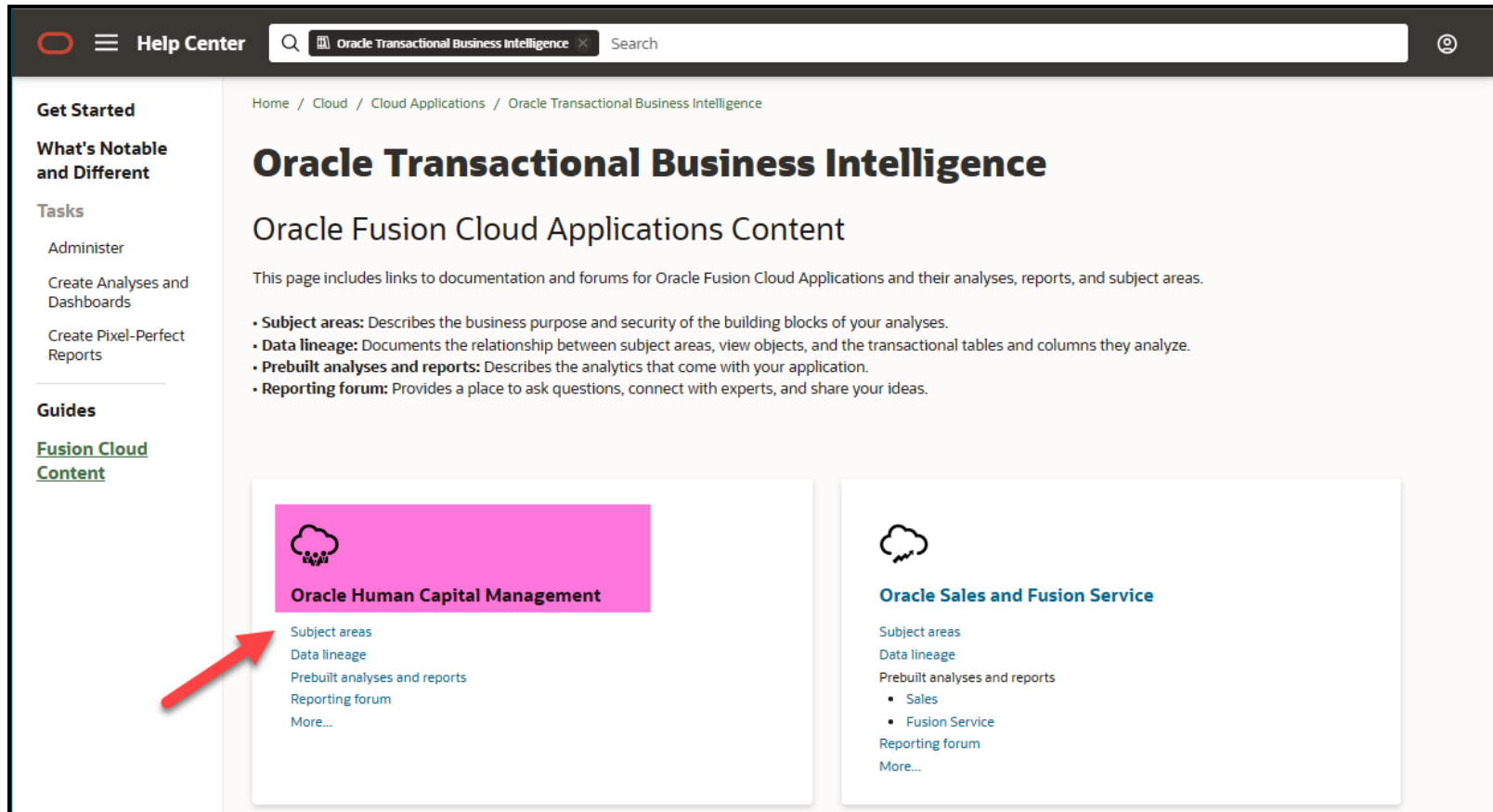
Build Analyses, Dashboards, and Pixel-Perfect Reports

- Get started with analyses and dashboards
- Create your first analysis
- Create your first dashboard
- Create a pixel-perfect report



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:



The screenshot shows the Oracle Transactional Business Intelligence (OTBI) Help Center page. The page has a dark header with the Oracle logo, a hamburger menu, the text "Help Center", a search bar containing "Oracle Transactional Business Intelligence", and a user profile icon. The main content area has a breadcrumb trail: "Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence". The title "Oracle Transactional Business Intelligence" is prominently displayed, followed by the subtitle "Oracle Fusion Cloud Applications Content". A paragraph states: "This page includes links to documentation and forums for Oracle Fusion Cloud Applications and their analyses, reports, and subject areas." Below this, a list of bullet points provides details: "• **Subject areas:** Describes the business purpose and security of the building blocks of your analyses." "• **Data lineage:** Documents the relationship between subject areas, view objects, and the transactional tables and columns they analyze." "• **Prebuilt analyses and reports:** Describes the analytics that come with your application." "• **Reporting forum:** Provides a place to ask questions, connect with experts, and share your ideas." The page features two main content cards. The left card, titled "Oracle Human Capital Management" (highlighted with a pink background), includes links for "Subject areas", "Data lineage", "Prebuilt analyses and reports", "Reporting forum", and "More...". A red arrow points to the "Subject areas" link. The right card, titled "Oracle Sales and Fusion Service", includes links for "Subject areas", "Data lineage", "Prebuilt analyses and reports" (with sub-links for "Sales" and "Fusion Service"), "Reporting forum", and "More...". A left sidebar contains navigation links under "Get Started" (What's Notable and Different, Tasks, Administer, Create Analyses and Dashboards, Create Pixel-Perfect Reports), "Guides", and "Fusion Cloud Content".

Help Center

Oracle Transactional Business Intelligence


Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Oracle Fusion Cloud Applications Content


This page includes links to documentation and forums for Oracle Fusion Cloud Applications and their analyses, reports, and subject areas.

- **Subject areas:** Describes the business purpose and security of the building blocks of your analyses.
- **Data lineage:** Documents the relationship between subject areas, view objects, and the transactional tables and columns they analyze.
- **Prebuilt analyses and reports:** Describes the analytics that come with your application.
- **Reporting forum:** Provides a place to ask questions, connect with experts, and share your ideas.



Oracle Human Capital Management

- [Subject areas](#)
- [Data lineage](#)
- [Prebuilt analyses and reports](#)
- [Reporting forum](#)
- [More...](#)



Oracle Sales and Fusion Service

- [Subject areas](#)
- [Data lineage](#)
- [Prebuilt analyses and reports](#)
 - [Sales](#)
 - [Fusion Service](#)
- [Reporting forum](#)
- [More...](#)



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot shows the Oracle Help Center interface. At the top, there's a navigation bar with the 'Help Center' logo and a search bar containing the text 'Subject Areas for Transactional Business Intelligence in HCM'. Below the navigation bar, a breadcrumb trail reads 'Cloud / Cloud Applications / Human Resources / 23B'. The main heading is 'Subject Areas for Transactional Business Intelligence in HCM'. On the left, a sidebar contains a table of contents with sections like 'Title and Copyright Information', 'Get Help', '1 Introduction', and '2 Subject Areas'. The main content area displays 'Oracle Fusion Cloud HCM' and 'Subject Areas for Transactional Business Intelligence in HCM' with the identifier 'F77744-01' and '23B'. Navigation links for 'Previous Page' and 'Next Page' are visible. On the right, there are social media icons and a section titled 'Oracle Fusion Cloud HCM'.

Help Center

Search Subject Areas for Transactional Business Intelligence in HCM

Cloud / Cloud Applications / Human Resources / 23B

Subject Areas for Transactional Business Intelligence in HCM

Expand

Contents

- Title and Copyright Information
- Get Help
- 1 Introduction
 - About This Guide
- 2 Subject Areas
 - Overview
 - Absence Management - Leave Donations Real Time
 - Benefits - Action Items Real Time
 - Benefits - Billing Real Time
 - Benefits - Court Orders Real Time

Oracle Fusion Cloud HCM

Subject Areas for Transactional Business Intelligence in HCM

F77744-01

23B

< Previous Page Next Page >

⊕ Title and Copyright Information

Oracle Fusion Cloud HCM



OTBI - Help

☐ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot shows the Oracle OTBI Help Center interface. At the top, there's a navigation bar with the Oracle logo, a menu icon, and the text 'Help Center'. A search bar contains the text 'Subject Areas for Transactional Business Intelligence in HCM'. Below the navigation bar, a breadcrumb trail reads 'Cloud / Cloud Applications / Human Resources / 238'. The main heading is 'Subject Areas for Transactional Business Intelligence in HCM'. On the left, a sidebar lists various subject areas, with 'Workforce Management - Person Real Time' highlighted. The main content area is titled 'Workforce Management - Person Real Time' and includes a 'Description' section explaining its use for reporting worker information and a 'Business Questions' section listing several queries. On the right, a sidebar contains social media icons and a list of links related to the selected subject area.

Cloud / Cloud Applications / Human Resources / 238

Subject Areas for Transactional Business Intelligence in HCM

Workforce Management - Absence Real Time

Workforce Management - Accrual Real Time

Workforce Management - Areas of Responsibility

Workforce Management - Checklist Real Time

Workforce Management - Documents of Record Archive Real Time

Workforce Management - Documents of Record Real Time

Workforce Management - Eligible Jobs Real Time

Workforce Management - Employment Contract Real Time

Workforce Management - Grade Rate Real Time

Workforce Management - Historical Processed Time Cards Real Time

Workforce Management - Historical Reported Time Cards Real Time

Workforce Management - Person Real Time

Workforce Management - Person Seniority Real Time

Workforce Management - Planned Schedules Real Time

Workforce Management - Person Real Time

Description

This subject area is used to report workers personal information such as worker address, emergency contacts, phone numbers, email address, national ID, religion, ethnicity, and work permit. This subject area is often used in conjunction with the other HCM subject areas to combine workers personal information, assignment, and compensation or benefit information. This subject area only includes the workers latest personal information as of today. However, you can use a SQL prefix SET VARIABLE PARAM_EFFECTIVE_DATE= history date to reset the default as-of date and include history data or future effective dated changes.

Business Questions

This subject area can answer the following business questions:

- What are the worker contacts phone numbers?
- What is the count of workers by work permit to various countries?
- What is the workers citizenship?
- What are the passport details of the worker?
- What is the distribution of my workers by ethnicity, gender, nationality, or

Workforce Management - Person Real Time

Description

Business Questions

Job Roles

Duty Roles

Primary Navigation

Time Reporting



Transactional Grain



Special Considerations




OTBI - Help

☐ Oracle Transactional Business Intelligence (OTBI) - Help:

  **Help Center**

  **Person Management**

 **Filter your results** ▶

Help Center / Cloud / Human Resources 23B

Workforce Management - Person Real Time

April 3, 2023 - Subject Areas for Transactional Business Intelligence in HCMWorkforce **Management - Person** Real TimeWorkforce **Management - Person** Real Time Description This subject area is used to report workers personal

Help Center / Cloud / Human Resources 23B

Workforce Management - Person Seniority Real Time

April 3, 2023 - Business Intelligence in HCMWorkforce **Management - Person** Seniority Real TimeWorkforce **Management - Person** Seniority Real Time Description Provides information on **person** level seniority dates. You can report

Help Center / Cloud / Human Resources 23B

Payroll - Personal Payment Details Real Time

April 3, 2023 - this subject area: Payroll Transaction Analysis Duty Primary Navigation My Client Groups > **Person Management** > Tasks > Payroll > Manage Personal Payment Methods Time Reporting This subject area



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot shows the Oracle Transactional Business Intelligence (OTBI) Help Center page. The page has a dark header with the Oracle logo, a hamburger menu, the text "Help Center", a search bar with "Oracle Transactional Business Intelligence" entered, and a user profile icon. The main content area is titled "Oracle Transactional Business Intelligence" and "Oracle Fusion Cloud Applications Content". It includes a breadcrumb trail: "Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence". A paragraph states: "This page includes links to documentation and forums for Oracle Fusion Cloud Applications and their analyses, reports, and subject areas." Below this, there are three bullet points: "• **Subject areas:** Describes the business purpose and security of the building blocks of your analyses.", "• **Data lineage:** Documents the relationship between subject areas, view objects, and the transactional tables and columns they analyze.", and "• **Prebuilt analyses and reports:** Describes the analytics that come with your application." A red arrow points to the "Data lineage" link in the "Oracle Human Capital Management" section. The page also features a left sidebar with "Get Started", "What's Notable and Different", "Tasks" (Administer, Create Analyses and Dashboards, Create Pixel-Perfect Reports), and "Guides" (Fusion Cloud Content). At the bottom, there are two main sections: "Oracle Human Capital Management" and "Oracle Sales and Fusion Service", each with links to "Subject areas", "Data lineage", "Prebuilt analyses and reports", "Reporting forum", and "More...".

Help Center

Oracle Transactional Business Intelligence

Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Oracle Fusion Cloud Applications Content

This page includes links to documentation and forums for Oracle Fusion Cloud Applications and their analyses, reports, and subject areas.

- **Subject areas:** Describes the business purpose and security of the building blocks of your analyses.
- **Data lineage:** Documents the relationship between subject areas, view objects, and the transactional tables and columns they analyze.
- **Prebuilt analyses and reports:** Describes the analytics that come with your application.
- **Reporting forum:** Provides a place to ask questions, connect with experts, and share your ideas.

Oracle Human Capital Management

- Subject areas
- Data lineage
- Prebuilt analyses and reports
- Reporting forum
- More...

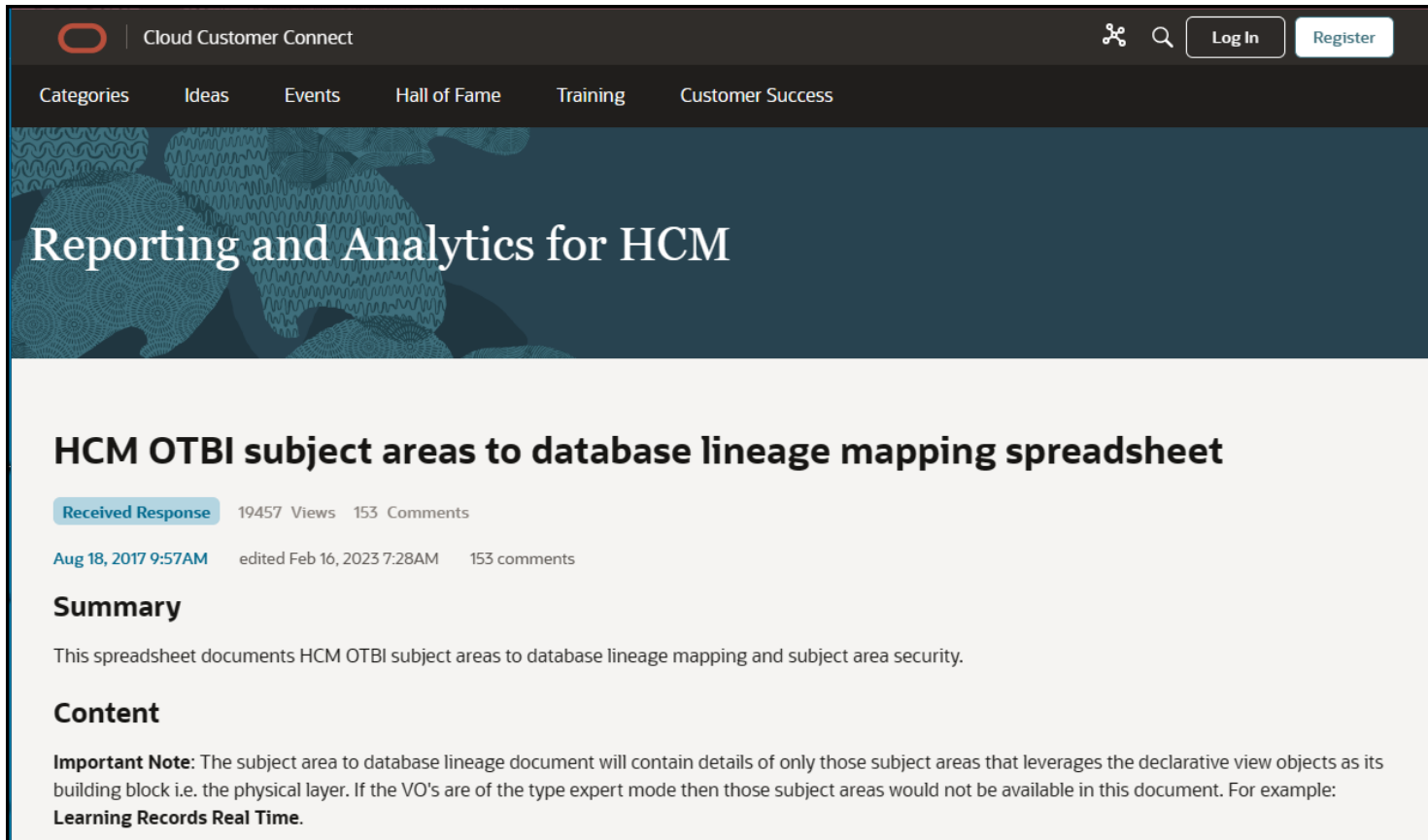
Oracle Sales and Fusion Service

- Subject areas
- Data lineage
- Prebuilt analyses and reports
 - Sales
 - Fusion Service
- Reporting forum
- More...



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:



The screenshot shows the Oracle Cloud Customer Connect interface. At the top, there's a navigation bar with the Oracle logo, 'Cloud Customer Connect' text, and links for 'Log In' and 'Register'. Below this is a secondary navigation bar with links for 'Categories', 'Ideas', 'Events', 'Hall of Fame', 'Training', and 'Customer Success'. The main content area features a large banner with the text 'Reporting and Analytics for HCM' over a blue background with a pattern of people silhouettes. Below the banner, the title 'HCM OTBI subject areas to database lineage mapping spreadsheet' is displayed. Under the title, there's a status bar indicating 'Received Response', '19457 Views', and '153 Comments'. The date 'Aug 18, 2017 9:57AM' and 'edited Feb 16, 2023 7:28AM' are also shown, along with '153 comments'. The 'Summary' section states: 'This spreadsheet documents HCM OTBI subject areas to database lineage mapping and subject area security.' The 'Content' section includes an 'Important Note' about declarative view objects and physical layer building blocks, and mentions 'Learning Records Real Time'.

Cloud Customer Connect

Log In Register

Categories Ideas Events Hall of Fame Training Customer Success

Reporting and Analytics for HCM

HCM OTBI subject areas to database lineage mapping spreadsheet

Received Response 19457 Views 153 Comments

Aug 18, 2017 9:57AM edited Feb 16, 2023 7:28AM 153 comments

Summary

This spreadsheet documents HCM OTBI subject areas to database lineage mapping and subject area security.

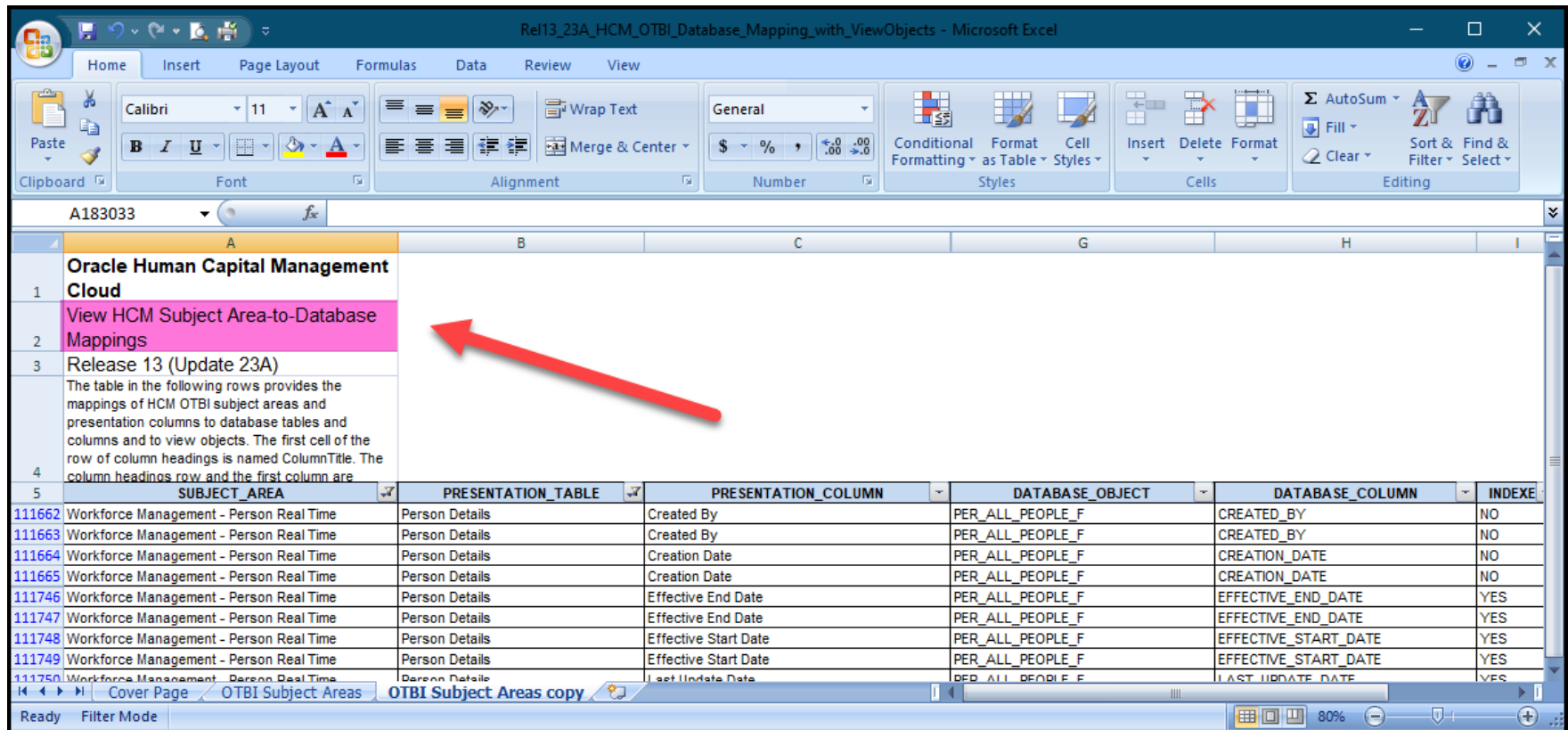
Content

Important Note: The subject area to database lineage document will contain details of only those subject areas that leverages the declarative view objects as its building block i.e. the physical layer. If the VO's are of the type expert mode then those subject areas would not be available in this document. For example: Learning Records Real Time.



OTBI - Help

❑ Oracle Transactional Business Intelligence (OTBI) - Help:



Rel13_23A_HCM_OTBI_Database_Mapping_with_ViewObjects - Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

A183033

Oracle Human Capital Management Cloud

View HCM Subject Area-to-Database Mappings

Release 13 (Update 23A)

The table in the following rows provides the mappings of HCM OTBI subject areas and presentation columns to database tables and columns and to view objects. The first cell of the row of column headings is named ColumnTitle. The column headings row and the first column are

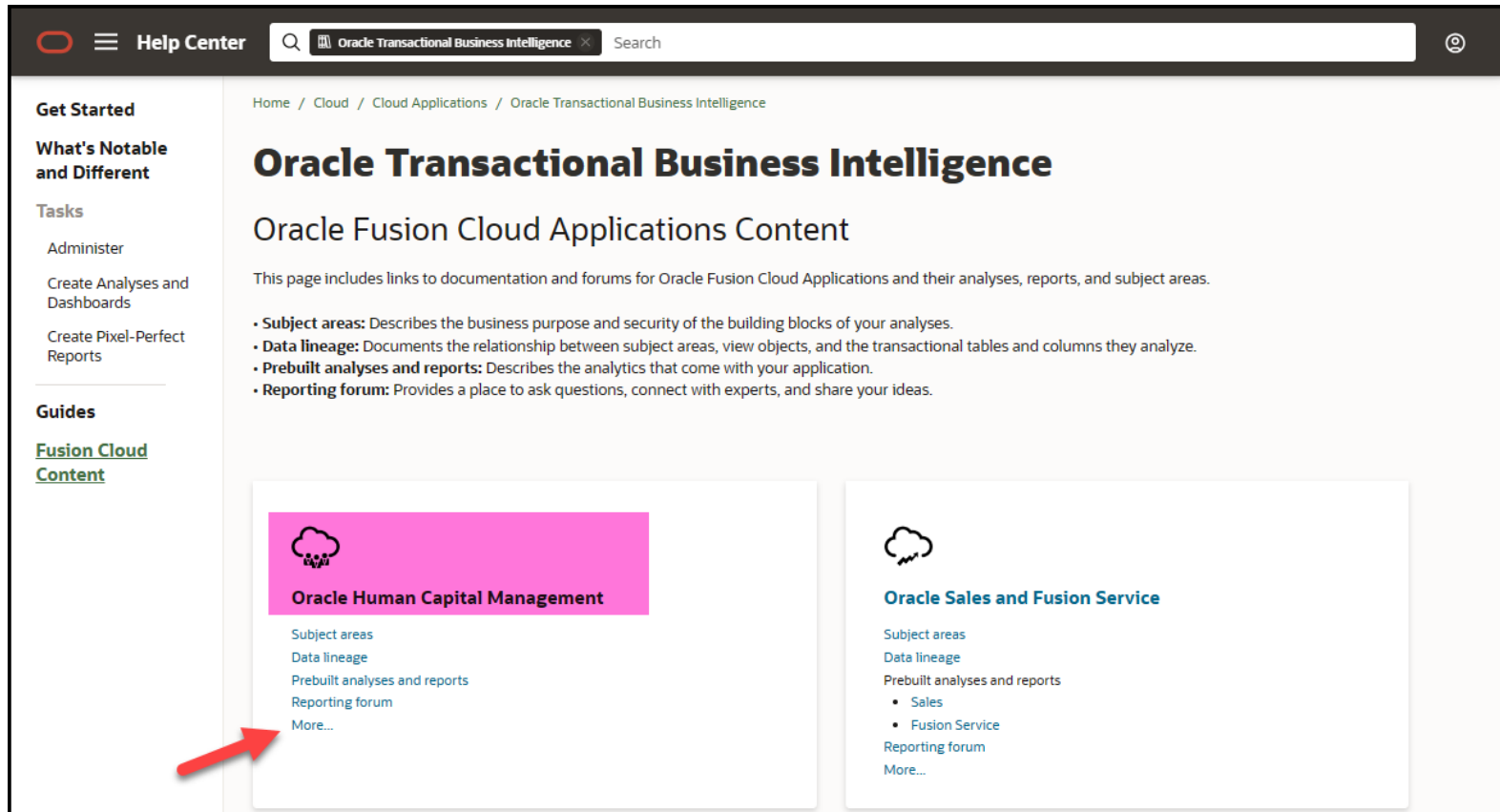
	SUBJECT_AREA	PRESENTATION_TABLE	PRESENTATION_COLUMN	DATABASE_OBJECT	DATABASE_COLUMN	INDEXE
111662	Workforce Management - Person Real Time	Person Details	Created By	PER_ALL_PEOPLE_F	CREATED_BY	NO
111663	Workforce Management - Person Real Time	Person Details	Created By	PER_ALL_PEOPLE_F	CREATED_BY	NO
111664	Workforce Management - Person Real Time	Person Details	Creation Date	PER_ALL_PEOPLE_F	CREATION_DATE	NO
111665	Workforce Management - Person Real Time	Person Details	Creation Date	PER_ALL_PEOPLE_F	CREATION_DATE	NO
111746	Workforce Management - Person Real Time	Person Details	Effective End Date	PER_ALL_PEOPLE_F	EFFECTIVE_END_DATE	YES
111747	Workforce Management - Person Real Time	Person Details	Effective End Date	PER_ALL_PEOPLE_F	EFFECTIVE_END_DATE	YES
111748	Workforce Management - Person Real Time	Person Details	Effective Start Date	PER_ALL_PEOPLE_F	EFFECTIVE_START_DATE	YES
111749	Workforce Management - Person Real Time	Person Details	Effective Start Date	PER_ALL_PEOPLE_F	EFFECTIVE_START_DATE	YES
111750	Workforce Management - Person Real Time	Person Details	Last Update Date	PER_ALL_PEOPLE_F	LAST_UPDATE_DATE	YES

Ready Filter Mode



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:



The screenshot shows the Oracle Transactional Business Intelligence (OTBI) Help Center page. The page has a dark header with the Oracle logo, a menu icon, and the text "Help Center". A search bar contains the text "Oracle Transactional Business Intelligence". Below the header, the page is divided into a left sidebar and a main content area. The sidebar contains links for "Get Started", "What's Notable and Different", "Tasks" (with sub-links for "Administer", "Create Analyses and Dashboards", and "Create Pixel-Perfect Reports"), and "Guides" (with a link for "Fusion Cloud Content"). The main content area has a breadcrumb trail: "Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence". The main heading is "Oracle Transactional Business Intelligence", followed by the sub-heading "Oracle Fusion Cloud Applications Content". A paragraph states: "This page includes links to documentation and forums for Oracle Fusion Cloud Applications and their analyses, reports, and subject areas." Below this, there are four bullet points: "• **Subject areas:** Describes the business purpose and security of the building blocks of your analyses.", "• **Data lineage:** Documents the relationship between subject areas, view objects, and the transactional tables and columns they analyze.", "• **Prebuilt analyses and reports:** Describes the analytics that come with your application.", and "• **Reporting forum:** Provides a place to ask questions, connect with experts, and share your ideas." At the bottom, there are two cards. The left card is titled "Oracle Human Capital Management" and has a pink background. It lists links for "Subject areas", "Data lineage", "Prebuilt analyses and reports", "Reporting forum", and "More...". A red arrow points to the "More..." link. The right card is titled "Oracle Sales and Fusion Service" and has a light blue background. It lists links for "Subject areas", "Data lineage", "Prebuilt analyses and reports" (with sub-links for "Sales" and "Fusion Service"), "Reporting forum", and "More...".

Help Center

Oracle Transactional Business Intelligence


Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Oracle Fusion Cloud Applications Content


This page includes links to documentation and forums for Oracle Fusion Cloud Applications and their analyses, reports, and subject areas.

- **Subject areas:** Describes the business purpose and security of the building blocks of your analyses.
- **Data lineage:** Documents the relationship between subject areas, view objects, and the transactional tables and columns they analyze.
- **Prebuilt analyses and reports:** Describes the analytics that come with your application.
- **Reporting forum:** Provides a place to ask questions, connect with experts, and share your ideas.



Oracle Human Capital Management

- Subject areas
- Data lineage
- Prebuilt analyses and reports
- Reporting forum
- More...



Oracle Sales and Fusion Service

- Subject areas
- Data lineage
- Prebuilt analyses and reports
 - Sales
 - Fusion Service
- Reporting forum
- More...



OTBI - Help

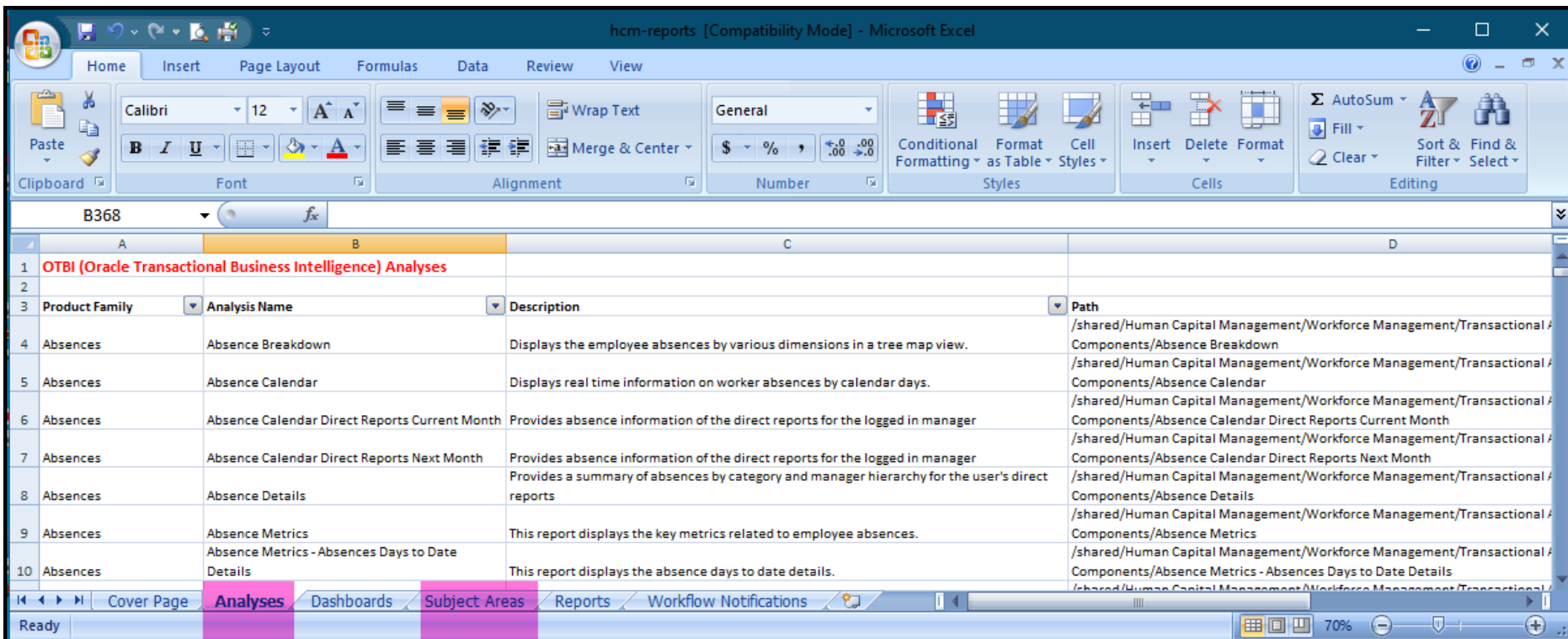
❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot displays the Oracle Help Center interface for Oracle Human Resources 23B. The top navigation bar includes the 'Help Center' logo, a search bar with 'Human Resources 23B' entered, and a user profile icon. The left sidebar contains a 'Get Started' section with links to 'Cloud Readiness / What's New', 'All Books', 'APIs & Schema', 'Videos', and 'Bite-Size Learning'. Below this is a 'Top Tasks' section with links to 'Use', 'Implement', 'Administer', 'Configure and Extend', 'Analyze and Report' (highlighted with a red arrow), 'Secure', and 'Integrate'. The main content area is titled 'Oracle Human Resources 23B' and 'Analyze and Report'. It features three columns of links: 'Get Started' (View Analytics and Reports, Take advantage of sample reports, View Oracle Transactional Business Intelligence library), 'Use Analytics and Reports' (Understand Oracle Human Resources Cloud analytics and reports, Schedule analytics and reports), and 'Create Analytics and Reports' (Review HCM subject areas, Use flexfields with Oracle Transactional Business Intelligence, Review data lineage mapping). On the right, there are sections for 'Administer Analytics and Reports' (Setup and configuration, Analytics and reports management, Using Flexfields in reports), 'Use Predictive Analytics' (Understand Predictive Analysis), and a highlighted 'Review Prebuilt Analytics and Reports' section (View Human Resources reports, View Setup reports, View security analyses).



OTBI - Help

Oracle Transactional Business Intelligence (OTBI) - Help:



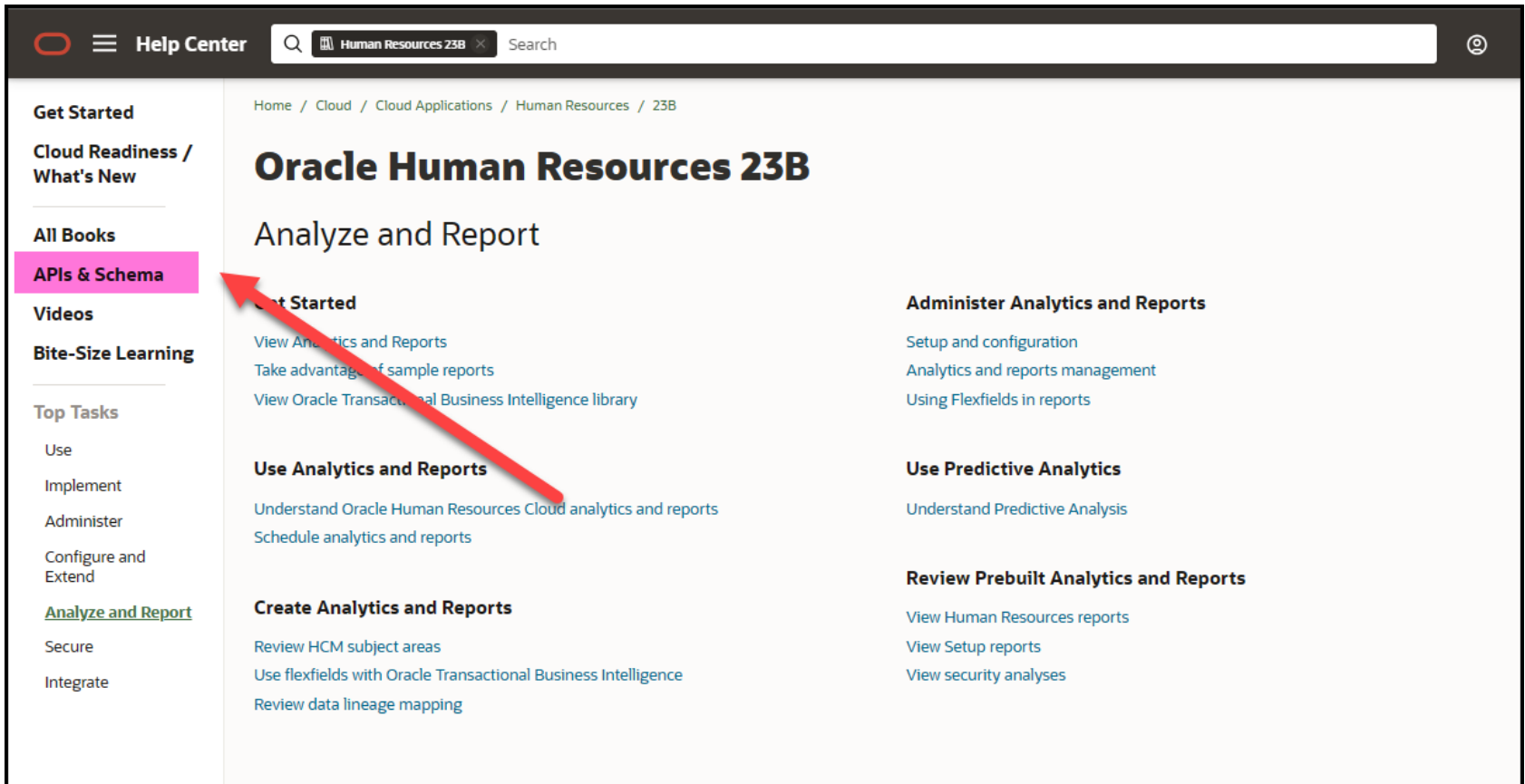
hcm-reports [Compatibility Mode] - Microsoft Excel

Product Family	Analysis Name	Description	Path
Absences	Absence Breakdown	Displays the employee absences by various dimensions in a tree map view.	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Breakdown
Absences	Absence Calendar	Displays real time information on worker absences by calendar days.	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Calendar
Absences	Absence Calendar Direct Reports Current Month	Provides absence information of the direct reports for the logged in manager	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Calendar Direct Reports Current Month
Absences	Absence Calendar Direct Reports Next Month	Provides absence information of the direct reports for the logged in manager	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Calendar Direct Reports Next Month
Absences	Absence Details	Provides a summary of absences by category and manager hierarchy for the user's direct reports	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Details
Absences	Absence Metrics	This report displays the key metrics related to employee absences.	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Metrics
Absences	Absence Metrics - Absences Days to Date	This report displays the absence days to date details.	/shared/Human Capital Management/Workforce Management/Transactional Components/Absence Metrics - Absences Days to Date Details



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

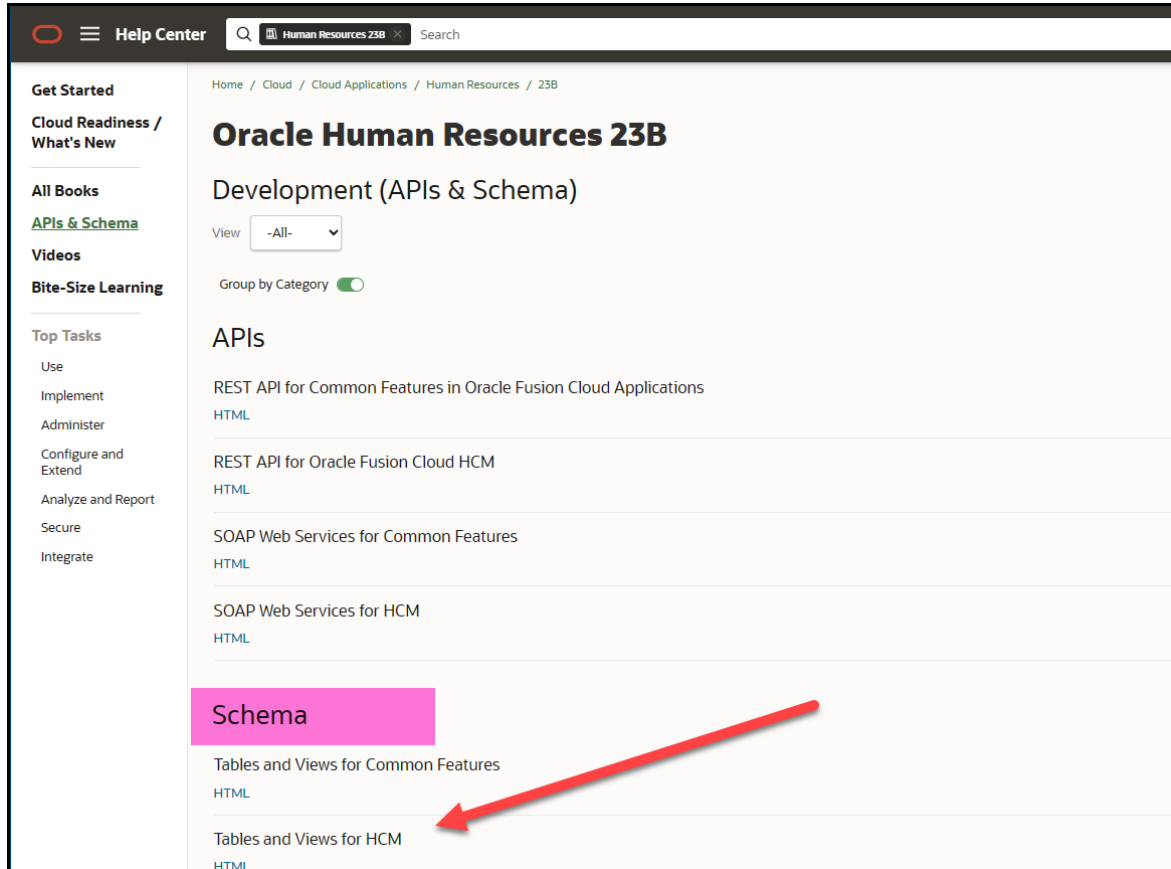


The screenshot displays the Oracle Help Center interface for Human Resources 23B. The left sidebar contains a navigation menu with sections: Get Started, Cloud Readiness / What's New, All Books, APIs & Schema (highlighted in pink), Videos, Bite-Size Learning, Top Tasks, and a list of tasks (Use, Implement, Administer, Configure and Extend, Analyze and Report, Secure, Integrate). The main content area shows the breadcrumb path: Home / Cloud / Cloud Applications / Human Resources / 23B. The title is 'Oracle Human Resources 23B' with the subtitle 'Analyze and Report'. A red arrow points to the 'Get Started' link under 'Analyze and Report'. Below this are links for 'View Analytics and Reports', 'Take advantage of sample reports', and 'View Oracle Transactional Business Intelligence library'. The 'Use Analytics and Reports' section includes links for 'Understand Oracle Human Resources Cloud analytics and reports' and 'Schedule analytics and reports'. The 'Create Analytics and Reports' section includes links for 'Review HCM subject areas', 'Use flexfields with Oracle Transactional Business Intelligence', and 'Review data lineage mapping'. The 'Administer Analytics and Reports' section includes links for 'Setup and configuration', 'Analytics and reports management', and 'Using Flexfields in reports'. The 'Use Predictive Analytics' section includes a link for 'Understand Predictive Analysis'. The 'Review Prebuilt Analytics and Reports' section includes links for 'View Human Resources reports', 'View Setup reports', and 'View security analyses'.



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:



The screenshot displays the Oracle Help Center interface for Oracle Human Resources 23B. The left sidebar contains navigation links: Get Started, Cloud Readiness / What's New, All Books (with 'APIs & Schema' highlighted), Videos, Bite-Size Learning, Top Tasks, and a list of tasks (Use, Implement, Administer, Configure and Extend, Analyze and Report, Secure, Integrate). The main content area shows the breadcrumb 'Home / Cloud / Cloud Applications / Human Resources / 23B' and the title 'Oracle Human Resources 23B'. Below this is the 'Development (APIs & Schema)' section, which includes a 'View' dropdown set to '-All-' and a 'Group by Category' toggle. The 'APIs' section lists four items: 'REST API for Common Features in Oracle Fusion Cloud Applications' (HTML), 'REST API for Oracle Fusion Cloud HCM' (HTML), 'SOAP Web Services for Common Features' (HTML), and 'SOAP Web Services for HCM' (HTML). The 'Schema' section is highlighted with a pink box and lists two items: 'Tables and Views for Common Features' (HTML) and 'Tables and Views for HCM' (HTML). A red arrow points to the 'Tables and Views for HCM' link.



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot displays the Oracle Fusion Cloud HCM OTBI Help Center interface. At the top, a navigation bar includes the Oracle logo, a hamburger menu, the text 'Help Center', and a search bar containing 'Tables and Views for HCM'. Below the navigation bar, a breadcrumb trail reads 'Cloud / Cloud Applications / Human Resources / 23B'. The main heading is 'Tables and Views for HCM'. On the left, a sidebar contains a table of contents with sections: 'Contents' (including 'Title and Copyright Information' and 'Get Help'), '1 Overview' (including 'HCM Tables and Views'), '2 Absence Management' (including 'Tables' and 'Views'), '3 Benefits' (including 'Tables' and 'Views'), and '4 Career Development' (including 'Tables' and 'Views'). The main content area is titled 'Oracle Fusion Cloud HCM' and 'Tables and Views for HCM', with identifiers 'F77712-01' and '23B'. It features navigation links for 'Previous Page' and 'Next Page', and a section titled 'Title and Copyright Information' with a plus icon. The right sidebar includes social media icons for LinkedIn, Twitter, Facebook, and Email, and a section titled 'Oracle Fusion Cloud HCM'.



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Documentation that helps you get started with Oracle Transactional Business Intelligence.

Get Started

Analyze data by creating reports and dashboards.

Before You Start

Learn about Oracle Transactional Business Intelligence

- Read the important product announcements and prepare for the updates that are coming in future releases
- Compare features with earlier releases
- Read about known issues in Oracle Transactional Business Intelligence
- See what's new and read about Oracle Fusion Cloud Applications
- Explore the Oracle Analytics Community

Build Analyses, Dashboards, and Pixel-Perfect Reports

Get started with analyses and dashboards

- Create your first analysis
- Create your first dashboard
- Create a pixel-perfect report



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot displays the Oracle Transactional Business Intelligence (OTBI) Help Center. The interface features a top navigation bar with the 'Help Center' title, a search bar containing 'Oracle Transactional Business Intelligence', and a user profile icon. A left sidebar lists navigation options: 'Get Started', 'What's Notable and Different', 'Tasks' (with 'Administer' and 'Create Analyses and Dashboards' listed), 'Guides', and 'Fusion Cloud Content'. The 'Create Analyses and Dashboards' link is highlighted in pink. The main content area shows the breadcrumb 'Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence' and the title 'Oracle Transactional Business Intelligence'. Below the title is the subtitle 'Build Reports and Dashboards' and a descriptive paragraph: 'Use analyses and dashboards to find the answers that you need from key business data displayed in graphical formats.' The content is organized into several sections: 'Analyze Information' (with links for 'About reports and dashboards', 'Create your first analysis', 'Export analyses and analysis prompts data', and 'Make analyses interactive'), 'Share Content' (with links for 'Share your content with others', 'Distribute content by email', 'Use agents to deliver content', and 'Assign ownership of content'), 'Build Dashboards' (with links for 'Create your first dashboard', 'Add pages to dashboards', 'Add content to dashboard pages', and 'Print dashboards'), 'Filter and Select Data for Analyses' (with links for 'Create filters for columns', 'Refine selections of data', 'Edit calculated measures', and 'Manipulate members using groups and calculated items'), 'Access and Organize Your Content' (with links for 'Manage your content', 'Send content to your devices', and 'Set up different delivery profiles'), and 'Get Answers to Your Questions and Issues' (with links for 'Top FAQs for analyses and dashboards' and 'Troubleshoot analyses and dashboards'). A thumbs-up icon is located in the bottom right corner of the main content area.

Get Started

What's Notable and Different

Tasks

- Administer
- Create Analyses and Dashboards**
- Create Pixel-Perfect Reports

Guides

Fusion Cloud Content

Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Build Reports and Dashboards

Use analyses and dashboards to find the answers that you need from key business data displayed in graphical formats.

Analyze Information

- About reports and dashboards
- Create your first analysis
- Export analyses and analysis prompts data
- Make analyses interactive

Share Content

- Share your content with others
- Distribute content by email
- Use agents to deliver content
- Assign ownership of content

Build Dashboards

- Create your first dashboard
- Add pages to dashboards
- Add content to dashboard pages
- Print dashboards

Filter and Select Data for Analyses

- Create filters for columns
- Refine selections of data
- Edit calculated measures
- Manipulate members using groups and calculated items

Access and Organize Your Content

- Manage your content
- Send content to your devices
- Set up different delivery profiles

Get Answers to Your Questions and Issues

- Top FAQs for analyses and dashboards
- Troubleshoot analyses and dashboards



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot displays the Oracle Transactional Business Intelligence (OTBI) Help Center. The top navigation bar includes the Oracle logo, a hamburger menu, the text "Help Center", a search bar with the text "Oracle Transactional Business Intelligence" and a search icon, and a user profile icon. The left sidebar contains a "Get Started" section with links for "What's Notable and Different", "Tasks" (Administer, Create Analyses and Dashboards, Create Pixel-Perfect Reports), and "Guides" (highlighted in pink). Below "Guides" is "Fusion Cloud Content". The main content area shows a breadcrumb trail: "Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence". The title "Oracle Transactional Business Intelligence" is prominently displayed. Below it is the "Guides" section, which states: "These documents tell you how to use Oracle Transactional Business Intelligence to create insightful analyses, dashboards, and reports." A "View" dropdown menu is set to "Developer" (highlighted in pink). Below this are sorting options: "Sort by" with buttons for "Featured" (selected) and "Title", and a "Group by Category" toggle switch. The "Developer" section lists three guides: "Developer's Guide for Oracle Business Intelligence Enterprise Edition" (with links for HTML and PDF), "Developer's Guide for Oracle Business Intelligence Publisher" (with links for HTML and PDF), and "Integrator's Guide for Oracle Business Intelligence Enterprise Edition" (with links for HTML and PDF).

Help Center

Oracle Transactional Business Intelligence

Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Guides

These documents tell you how to use Oracle Transactional Business Intelligence to create insightful analyses, dashboards, and reports.

View **Developer**

Sort by **Featured** Title Group by Category ☒

Developer

Developer's Guide for Oracle Business Intelligence Enterprise Edition
[HTML](#) / [PDF](#)

Developer's Guide for Oracle Business Intelligence Publisher
[HTML](#) / [PDF](#)

Integrator's Guide for Oracle Business Intelligence Enterprise Edition
[HTML](#) / [PDF](#)



OTBI - Help

❏ Oracle Transactional Business Intelligence (OTBI) - Help:

The screenshot displays the Oracle Transactional Business Intelligence (OTBI) Help Center. The top navigation bar includes the Oracle logo, a menu icon, the text "Help Center", a search bar with the query "Oracle Transactional Business Intelligence", and a user profile icon. The left sidebar contains a "Get Started" section with links to "What's Notable and Different", "Tasks" (Administer, Create Analyses and Dashboards, Create Pixel-Perfect Reports), and a highlighted "Guides" section under "Fusion Cloud Content". The main content area shows a breadcrumb trail: "Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence". The title "Oracle Transactional Business Intelligence" is prominently displayed. Below it, the "Guides" section explains that these documents provide instructions on using OTBI for analyses, dashboards, and reports. A "View" dropdown menu is set to "User". The "Sort by" options are "Featured" (selected) and "Title", and the "Group by Category" toggle is turned on. The "User" section lists three guides: "Creating Analyses and Dashboards in Oracle Transactional Business Intelligence", "Designing Pixel-Perfect Reports in Oracle Transactional Business Intelligence", and "Using Oracle Analytics Publisher in Oracle Transactional Business Intelligence". Each guide entry includes links for "HTML" and "PDF" formats and a right-pointing arrow.

Help Center

Oracle Transactional Business Intelligence

Home / Cloud / Cloud Applications / Oracle Transactional Business Intelligence

Oracle Transactional Business Intelligence

Guides

These documents tell you how to use Oracle Transactional Business Intelligence to create insightful analyses, dashboards, and reports.

View: User

Sort by: Featured Title Group by Category: ☒

User

Creating Analyses and Dashboards in Oracle Transactional Business Intelligence
[HTML](#) / [PDF](#) >

Designing Pixel-Perfect Reports in Oracle Transactional Business Intelligence
[HTML](#) / [PDF](#) >

Using Oracle Analytics Publisher in Oracle Transactional Business Intelligence
[HTML](#) / [PDF](#) >

