

Business Intelligence on Oracle Analytics Cloud 2024

Data Management

DURATION

3 Days

MODULES

20 Lectures

COURSE CODE

—

Course Overview

The Business Intelligence on Oracle Analytics Cloud training gives students the necessary skills to convert data into insights. You'll learn how to build, modify, administer, and troubleshoot analyses and dashboards using Oracle Analytics Cloud Service.

What You Will Learn

Introduction to Oracle Analytics Cloud

- Objectives
- What Does It Take to Unlock Business Agility?
- Introducing Oracle Analytics Cloud
- Deep Discovery Through Rich Feature Set
- OAC Can Integrate Any Data Source Quickly
- Managed Data
- User Data
- Oracle Analytics Cloud Makes Any Time The Right Time For New Insights
- Features of Oracle Analytics Cloud
- Oracle Analytics Cloud Components
- Oracle Analytics Cloud Editions
- Provision an Instance
- Summary

Accessing and Organizing Content

- Objectives
- Finding and Exploring Your Content
- Renaming Items
- Adding Favorites
- Accessing Properties
- Sharing Items
- Assigning Ownership of Items

- Summary

Create Analyses and Apply Sorts

- Objectives
- Oracle Analytics Cloud Service
- Subject Areas
- Columns
- Hierarchies
- Oracle Analytics Cloud Service
- Creating Analyses
- Sorting Values in Views
- Access and Apply Multiple Sorts
- Summary

Views in Analyses

- Objectives
- Displaying Data in a Table
- Edit Analysis Properties
- Edit the Table
- Turn on Totals and Subtotals
- Access Table Properties
- Close the View Editor
- Add a Graph
- Displaying Data on a Graph
- Remove Views
- Edit the Graph
- Work with Pivot Tables
- Edit the Pivot Table
- Pivot Table Editor
- Expand Hierarchies in a Pivot Table
- Enable Grand Totals
- View Totals
- Sorting Controls
- Sorting Controls Right-Click Options
- Duplicate a Measure and Show Running Sums
- View Running Sums
- Duplicate a Measure and Show Relative Values
- View Relative Values
- Create Calculated Items
- Build the Calculated Item
- View the Calculated Item
- Calculated Item Versus Calculated Group
- Trellis View
- Create a Simple Trellis View
- Select Columns on the Criteria Tab

- Add a Simple Trellis
- Edit the Trellis
- Rearrange the Columns
- Create a Performance Tile
- Select the Measure Columns
- Add a Performance Tile
- Edit the Performance Tile
- Format the Performance Tile
- View Selector View
- Column Selector View
- Add Columns to the Column Selector View
- Selection Steps View
- Tree Map
- Tree Map Results
- Legend
- Ticker
- Advanced Ticker Options
- Summary

Formatting

- Objectives
- Column Styles
- Column Format
- Data Format
- Conditional Format
- Save as Default
- Format Containers
- Additional Format Options for Views
- Fixed Headers – Default
- Content Paging
- Advanced Data Formats – Numbers
- Advanced Data Formats – Dates
- Advanced Data Formats – Date Results
- Summary

Filters and Selection Steps

- Objectives
- Drill in Results
- Drill on Attribute Columns
- More Details Added
- View the Criteria Tab After Drilling
- Test Drill Behavior Without Editing the Query
- Drill on Hierarchal Columns
- Filters to Limit Data in Analyses
- Create a Filter

- Operators and Values
- Filter Menu
- Save as a Named Filter for Reusability
- The Results
- Use a Saved Filter in a New Analysis
- Group Filters to Limit Data in Analyses
- Selection Steps to Limit Displayed Members
- View Selection Steps
- Default Selection Steps
- Add a New Step – Select Members
- Keep Only
- Apply a Condition
- Condition Options
- Additional Options Available for Hierarchies
- Summary

Prompts and Variables

- Objectives
- Repository Variables
- Presentation Variables
- Create a Prompt Filter and Store the Selection in a Variable
- Select Columns on Criteria Tab
- Create a Filter Using a Presentation Variable
- Create a Column Prompt
- Specify Properties for the Column Prompt
- Verify the Column Prompt
- Reference the Variable in the Title View
- Test the Prompt
- Use a Presentation Variable to Edit a Formula
- Edit the Formula
- Create a Presentation Variable Prompt
- Test the Variable Prompt
- Summary

Use Master-Detail Views, Map Views, and Action Links

- Objectives
- Linking Views in Master-Detail Relationships
- Background Maps
- Map Layers
- Configure Maps
- Import and Configure Layers
- Import and Configure a Background Map
- Configure Zoom Levels
- Add a Map View
- Drill on a State to Add City Details to Map

- Edit Map Properties
- Bar Graph on Map Displayed
- Zoom to City Details
- Final Map View
- Interactive Analyses
- Create Inline Actions
- Add Actions to Analyses
- Add the Action by Editing Column Properties
- Add a Value Action
- Build the Action
- Multiple Actions
- Run the Analysis and Test the Action
- Summary

Expressions

- Objectives
- Aggregate Functions
- Apply an Aggregate Function - Avg
- Aggregate Function Results
- Running Aggregate Functions
- Apply a Running Aggregate - MSUM
- Running Aggregate Function Results
- Time Series Functions
- Use a Time Series Function - Periodrolling
- Time Function Results
- Use the Bin Function
- Bin Results
- Summary

Unions and Direct Data Warehouse Access

- Objectives
- Set Operators
- Create an Analysis and Add a Second Subject Area for a Union
- Build the Second Query
- Choose the Set Operator and View Results
- Direct Database Analysis Privileges
- Assign Privileges
- Create a Direct Database Query
- Write the Query
- View the Results
- Summary

Create Dashboards

- Objectives

- Introduction to Dashboards
- Overview of Dashboards
- Dashboard Pages and Page Options
- Personal and Shared Dashboards
- Create a Dashboard
- Personal Dashboard
- Shared Dashboard
- Dashboard Menu
- Summary

Add Content to Dashboards

- Objectives
- Access Dashboard Builder
- Dashboard Builder UI
- Using the Dashboard Builder Toolbar
- What Can You Add to a Dashboard Page?
- Add a Dashboard Page
- Rename and Edit Order of Pages
- Add a Subpage
- Additional Dashboard Properties
- Dashboard Properties
- Dashboard Properties: Dashboard Report Links
- Dashboard Properties: Dashboard Page Controls
- Tools Toolbar: Print Option
- Tools Toolbar: Page Report Links
- Tools Toolbar: Publish Page to Dashboard
- Adding Columns to a Dashboard Page
- Column Properties
- Adding Sections to a Dashboard Page
- Arranging Section Content Vertically
- Arranging Section Content Horizontally
- Section Properties
- Section Permissions
- Formatting the Section
- Conditionally Show a Section and Rename a Section
- Default Drill Behavior in a Section
- Drill in Place
- Analyses Properties
- Analyses Properties: Display Results
- Analyses Properties: Report Links
- Analyses Properties: Show View
- Adding Additional Content
- Text Object
- Folder Object
- Deleting Content from the Dashboard

- Deleting a Page from a Dashboard
- Summary

Add Actions to Dashboards

- Objectives
- Action Link
- Create an Inline Action Link
- Add a New Action
- Create an Inline Action Link - BI Content
- Creating an Inline Action Link - Results
- Create an Inline Action Link - Web Page
- Creating an Inline Action Link - Web Page Results
- Edit and Remove an Inline Action Link
- Save an Inline Action Link as a Named Action Link
- Action Link Menu
- Summary

Create Dashboard Prompts

- Objectives
- Dashboard Prompts
- Dashboard Prompts: Column Prompt
- Add a Column Prompt to a Dashboard
- Create the Column Prompt
- Select the Prompt Type
- Select the Prompt Column
- Configure the Prompt
- Save the Prompt
- Add the Prompt to the Dashboard
- Add Analyses to the Dashboard Page
- Test the Results
- Will a Prompt Affect an Analysis?
- Results of Prompts on Analyses
- Adding a Second Prompt
- Add a Second Prompt to an Existing Prompt Page
- Select the New Column and Configure Prompt
- Row Based Versus Column Based Layout
- Optionally include a Page Break
- Test the Edited Dashboard Prompt
- Scope of a Dashboard Prompt
- Prompt Buttons
- Summary

Customizations and Briefing Books

- Objectives

- Personal Saved Customizations
- Allow Customizations
- Access Customizations
- Save Customizations
- Apply Customizations
- Applied Customizations
- Edit Saved Customizations
- Clear Customizations
- Oracle BI Briefing Books
- Add Content to a New or Existing Oracle BI Briefing Book
- Add a Dashboard Page to a Briefing Book
- Add an Analysis to a Briefing Book
- Adding Content to a Briefing Book
- Edit a Briefing Book
- Download a Briefing Book in PDF
- Download a Briefing Book in Mime HTML
- Add a List of Briefing Books to a Dashboard Page
- Add a Folder Object to the Dashboard Page
- Edit Folder Properties
- Summary

Use a Wallet to Connect to an Autonomous Data Warehouse with SQL Developer

- Objectives
- Overview
- Retrieve the Wallet
- Navigate to the Data Warehouse
- Select the Autonomous Data Warehouse
- DB Connection
- Open SQL Developer
- Adding a Connection to the Source Database
- Summary

Migrating the On-Premises RPD to the Oracle Analytics Cloud Service

- Objectives
- Introduction
- Lift and Shift the RPD to the OAC instance
- Point the RPD to the ADW
- Saving the RPD and Consistency Check
- Upload the RPD to OAC
- Replace the Data Model
- Continue Using the Client Tool
- Creating New Analyses and Visualizations
- Summary

OAC Delivers

- Objectives
- OAC Delivers
- Prerequisites for Email and SMS Delivery
- Delivery Devices
- Delivery Profiles
- Alerts
- Agents
- Configure an Agent
- General Tab
- Schedule Tab
- Condition Tab
- Delivery Content Tab
- Recipients Tab
- Destinations Tab
- Actions Tab
- Summary

Administration

- Objectives
- Predefined Application Roles
- Application Roles Visualized
- Add Members to Application Roles
- Set System Privileges
- Select Users and Roles
- Monitor Sessions
- Monitor Users
- Analyze SQL Queries and Logs
- SQL Log
- Summary

Cache Management

- Objectives
- OAC Query Cache
- Advantages of Caching
- Cache Setting
- Clear the Cache Manually
- Set Caching Options for Your Analysis
- Cache Hit Conditions
- Identify Cache Hits
- Analyze the Log
- Build a Second Analysis to Hit the Cache
- Analyze the Log for Cache Hit
- Summary