

Oracle BI 12c: Create Analyses and Dashboards Ed 1

Duration: 5 Days

What you will learn

This Oracle BI 12c: Create Analyses and Dashboards course for Release 12.2.1 provides step-by-step instructions for creating Oracle BI analyses and dashboards in business intelligence applications. You'll begin by building basic analyses to include in dashboards, with more complexity as the course progresses.

Learn To:

Build analyses and dashboards.

Build and use views and graphs in analyses.

Create and work with KPIs and scorecards.

Create and modify Oracle BI dashboards.

Use Oracle Business Intelligence Mobile to access BI content.

Create mobile applications with Oracle Business Intelligence Mobile App Designer.

Integrate BI content into MS Office applications using Oracle Hyperion Smart View for Office.

Administer objects in the Presentation Services Catalog.

Benefits to You

Transform your organization's data into intelligence for improved decision making. Provide time-critical, relevant and accurate insights. Become more efficient at modifying analyses and dashboards.

Explore Oracle Hyperion Smart View for Office

You'll also learn to use Oracle Hyperion Smart View for Office to integrate Oracle BI data and views in presentations and spreadsheets. Walk away from this course with the knowledge and skills to design mobile applications for BI content using the trial edition of the Oracle BI Mobile App Designer. Furthermore, you'll explore the use of Oracle BI Briefing Books, while learning to administer objects in the Oracle BI Presentation Catalog.

Course Objectives

Build and use views and charts in analyses

Perform pre- and post-aggregate filtering using filters

groups

and selections

Create mobile applications with Oracle Business Intelligence Mobile App Designer

Add geographical mapping to analyses

Use Key Performance Indicators and Scorecards to analyze trends and meet business objectives

Use BI Mobile to access BI Content

Create and modify Interactive Dashboards

Use hierarchical columns in analyses and views

Create guided navigation links within Interactive Dashboards

Use Delivers to configure Agents to get the results of analyses and deliver them to subscribers

Create and modify Oracle Business Intelligence analyses using Analysis Editor

Perform administration tasks related to the development and configuration of Interactive Dashboards

Administer analyses and other Oracle BI objects

Use Oracle Hyperion Smart View for Office to integrate Oracle BI analysis and Interactive Dashboard content into Office documents

Combine analysis criteria across multiple subject areas and execute direct database queries

Course Topics

Introduction to Oracle Business Intelligence Enterprise Edition

Introduction to Oracle BI EE
Oracle BI 12c Architecture
Oracle BI 12c Highlights

Working with Oracle Business Intelligence Analyses

Introduction to Oracle BI Analysis Editor
Oracle BI column types
Working with analyses in Oracle BI
Adding basic formatting
Setting analysis properties
Using advanced formatting

Filtering Data for Analyses

Introduction to filters and selections
Creating, editing, and grouping filters
Adding prompts to analyses
Dynamic filtering
Using saved analyses as filters

Selecting and Grouping Data for Analysis

Creating selection steps
Creating groups
Creating calculated items
Creating direct database analysis requests
Including advanced SQL clauses in your analysis

Advance Visualization in Analysis

Introduction to views, graphs, and editors
Working with views in Compound Layouts
Creating and editing graphs
Performing common view tasks

Showing Results with Pivot Tables

Creating, arranging, and formatting a pivot table
Using hierarchical columns
Sorting in pivot tables
Setting aggregation and using totals
Showing an item's relative value
Building calculations and displaying running sums

Working with Additional Views in Analyses

Creating simple and advanced trellis views
Creating performance tile views
Working other view types like Treemap and Heat Matrix
Linking master-detail views

Visualizing Data on Maps

Oracle spatial components
Managing map data

- Creating and editing Map views
- Interacting with map views
- Other applications and points of integration for map views

Creating Oracle Business Intelligence Dashboards

- Creating and editing dashboards
- Using the Dashboard Builder
- Exploring dashboard object properties and options
- Publishing dashboard pages
- Creating personal customizations and using other page options

Configuring Oracle Business Intelligence Dashboards

- Exploring types of dashboard content
- Embedding content in dashboards

Creating Dashboard Prompts and Variables

- Understanding variables
- Adding a named dashboard prompt to a dashboard
- Adding a hidden named dashboard prompt to a dashboard
- Creating additional prompt page and setting page preferences
- Adding variable prompts to a dashboard

Scorecards and Key Performance Indicators

- Objects and components of Oracle Scorecard and Strategy Management
- Key Performance Indicator (KPI) overview
- Scorecard document types
- Creating scorecards and KPIs
- Creating scorecard documents
- Editing scorecards and KPIs

Visual Analyzer, BI Ask, and Data Mashup

- Creating Visual Analyzer Projects
- Adding and rearranging the Visualizations
- BI Ask
- Data Mashups

Working with BI Content in Smart View

- Working with Views in Smart View Clients
- Customizing BI data in MS Office
- Copying and pasting views between Smart View clients
- Inserting BI views in to Smart View clients
- Creating and publishing views using the View Designer
- Federating data from multiple data sources

Oracle Business Intelligence Mobile

- Downloading and using the Oracle BI mobile application
- Navigating the Oracle BI mobile application
- Working with favorites and local content
- Working with BI content
- Oracle BI Mobile Security Toolkit

Using Oracle Business Intelligence Delivers

- Configuring delivery devices and adding delivery profiles
- Adding an Alert Section to a dashboard
- Configuring an Agent
- Using Analysis and KPI conditions to deliver content with Agents
- Subscribing to an Agent

Administering the Presentation Catalog

- Oracle BI and catalog security overview
- Managing security using roles
- Understanding security inheritance
- Setting object permissions
- Setting system privileges
- Archiving catalog items
- Working with Oracle BI Briefing Books

Direct Database Analysis

- Direct Database Analysis Overview
- Changing Direct Database Analysis Privileges
- Creating and Executing a Direct Database Analysis

Expressions

- SQL Syntax and Semantics
- Running Aggregate Functions
- Advance Analytics Internal Logical SQL Functions
- Advance Analytics External Logical SQL Functions