

Oracle BI 11g R1: Create Analyses and Dashboards

Duration: 4 Days

What you will learn

This course provides step-by-step instructions for creating analyses and dashboards, which compose business intelligence applications. You'll learn how to administer the Oracle BI Presentation Catalog and more.

Learn To:

- Build analyses and dashboards.
- Build and use views and graphs in analyses.
- Create analyses using Essbase data sources.
- Create and work with KPIs.
- Create and modify Oracle BI Dashboards.
- Use Oracle Business Intelligence Mobile to access BI content.
- Use BI content in Microsoft Office applications.
- Configure, schedule and deliver personalized alerts using Oracle BI Delivers.
- Build a simple Oracle BI dashboard, starting with basic analyses.

Key Course Topics

This course will also teach you how to include pivot tables, graphs, gauges, maps, prompts, embedded content, navigation links and KPIs on the dashboards. Use Oracle BI Delivers to send real-time, personalized alerts to dashboards.

Oracle BI for Microsoft Office

You'll also be introduced to using Oracle BI for Microsoft Office. Learn to integrate Oracle BI data and views in Microsoft Office presentations and spreadsheets.

Oracle BI Briefing Books

Finally, you'll explore the use of Oracle BI Briefing Books. An appendix is included, which covers the architecture and benefits of Oracle Exalytics BI Machine.

For subscribed users, you'll also learn to use Oracle Business Intelligence Mobile to access BI content on mobile devices.

Audience

Application Developers
Business Analysts

Business Intelligence Developer
Developer
End Users
Functional Implementer
Technical Administrator
Technical Consultant

Course Objectives

Create and modify Oracle Business Intelligence analyses

Use hierarchical columns in analyses and views

Perform administration tasks related to the development and configuration of dashboards

Build and use views and graphs in analyses

Combine analysis criteria using set operations and execute direct database requests

Perform pre- and post-aggregate filtering using filters, groups, and selections

Add geographical mapping to analyses

Use Oracle Business Intelligence Mobile to view BI content on a mobile device

Create and modify dashboards

Use Oracle BI for Microsoft Office to integrate Oracle BI analysis and dashboard content

Configure Agents using Delivers to get the results of analyses and deliver them to subscribers

Course Topics

Introduction to Oracle Business Intelligence Enterprise Edition

Introduction to Oracle BI

Architecture overview

Working with Oracle Business Intelligence Analyses

Introduction to Oracle BI Analysis Editor

Oracle BI column types

Working with analyses in Oracle BI

Using advanced formatting

Administering the Presentation Catalog

Maintaining the Oracle BI Presentation Catalog in the Catalog page

Oracle BI and catalog security overview

Managing security using roles

Understanding security inheritance

Setting object permissions

Setting system privileges
Archiving catalog items

Limiting and Grouping Data in Analyses

Introduction to filters and selections
Creating, editing, and grouping filters
Adding prompts to analyses
Dynamic filtering
Using saved analyses as filters
Creating groups
Creating calculated items
Creating selection steps

Oracle Business Intelligence Analyses: Advanced Features

Setting analysis properties
Combining analysis criteria by using set operations
Executing direct database analyses
Editing logical SQL generated by an analysis
Creating a link to a saved analysis
Creating an Excel Web Query file

Working with Views and Graphs in Analyses

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

Visualizing Data: Gauges, Maps, and Mobile

Introduction to Gauge views
Working with Gauge views
Introduction to Map views and their components
Creating and editing Map views
Introduction to Oracle Business Intelligence Mobile
Working with and searching content in BI Mobile

Measuring Results with Key Performance Indicators

Introduction to KPIs
Creating KPIs, setting trending, dimensionality, and thresholds
Introduction to KPI Watchlists
Creating a KPI Watchlist
Changing Dimensionality for a KPI Watchlist event

Showing Results With Pivot Tables

Introduction to 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

Creating Oracle Business Intelligence Dashboards

Introduction to dashboards and dashboard pages

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

Types of dashboard content

Embedding content in dashboards

Creating Dashboard Prompts and Variables

Overview of variables

Introduction to dashboard prompts and prompt types

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

Variables and prompts

Adding variable prompts to a dashboard

Wiring dashboard prompts

Using Oracle Business Intelligence Delivers

Introduction to Oracle BI Delivers

Configuring delivery devices and adding delivery profiles

Introduction to alerts

Adding an Alert Section to a dashboard

Overview of Agents

Configuring an Agent

Using Analysis and KPI conditions to deliver content with Agents

Subscribing to an Agent

Integrating Analyses with MS Office

Introduction to Oracle BI Office Add-in

Working with Oracle BI content in Microsoft Office applications

Working with Oracle Business Intelligence Briefing Books

Introduction to Oracle BI Briefing Books

Adding content to Briefing Books

Editing Briefing Books

Downloading and viewing Briefing Books

Adding a list of Briefing Books to a dashboard

Using Briefing Books with Oracle BI Delivers