Oracle BI 12c: Create Analyses and Dashboards Ed 1

Duration: 5 Days

Course Description:

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.

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

Audience

- Administrator
- Analyst
- Developer
- End User
- Implementer

Course Outlines:

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

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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 into 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

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