

Oracle Analytics – Bootcamp

Data Modelling

Day 1

Introduction

What is the Metadata Repository?
Overview of Features and Key Processes
Course Customer Scenario

Metadata Repository Foundation

Physical Layer
Business Model and Mapping Layer
Presentation Layer

Intermediary & Advanced Features

Ragged and Skip-Level Hierarchies
Parent-Child Hierarchies
Data Federation

Lab Session

Day 2

Metadata Repository Variables

Repository vs Session Variables
Initialisation Blocks
Row-Level Security

Modelling Transactional (3NF) Data

Sources

Data Federation
Fragmentation

Software Development Lifecycle

Online vs Offline Development
Merging and Patching Metadata Repositories
Multi-User Development
Version Control and Release Management

Lab Session

Analytics & Dashboards

Day 3

Creating Analyses

Calculated Columns, Filters & Formatting
Title and Table Views
Charts and Graphs

Choosing the Right Visualisation

Data Visualisation Concepts and Principles
Graphs and Colour Usage

Creating Dashboards

Adding Reports to Dashboards
Prompts and Presentation Variables
Interactions between Reports Conditions

Additional Views and Features

View and Column Selectors
Master-Detail Linking of Views
Conditional Formatting

Advanced Analytics

Time Series Calculations
Filters based on another analysis
Combining Subject Areas

Actionable Intelligence

Navigation Actions
Agents (Scheduling Report)

Lab Session

Data Visualisations

Day 4

Introduction

Where does DV fit in?
Overview of Features and Key Processes

Data Acquisition

Connections
Datasets

Data Preparation

Data Profiles and Semantic
Recommendations Preparation Script

Data Exploration and Visualisation

Prepare, Visualise & Narrate

Data Flows

Adding Data Sources
Transformations
Scheduling Data Flows

Machine Learning

Concepts and Principals
Advanced Analytics Functions
Explain Attributes and Measures
Machine Learning Models
Creating a Machine Learning Model

Lab Session