



## **OBIEE 10.x Course Content:35-40hours**

### Course Outline

#### **Introduction to Business Intelligence**

- What is Business Intelligence
- Why the Oracle Business Intelligence
- Advantages of OBI
- Architecture & Components OBI
- Client – Answers, Delivers, Dashboards and Web Administration
- Server – Oracle BI Server, Presentation, Scheduler

#### **Server Architecture**

- Repository Basics
- Physical Layer
- Business Model and Mapping Layer
- Presentation Layer
- Properties of Repository Objects

#### **Building Physical Layer of a Repository**

- Objects of Repository
- DSN for a Data Sources
- Build Physical Layer

#### **Building Business Model Mapping Layer**

- Objects of BMM Layer
- Building Business Model (creating Logical Tables, Columns, Joins)
- Creating Simple Measures

#### **Building Presentation Layer**

- Objects of Presentation Layer
- Properties of Presentation Layer

#### **Testing and Validating Repository**

- Checking Repository Consistency



- Checking Global Consistency
- Inspecting Oracle Answers
- Inspecting SQL

#### **Adding Multiple Sources to Dimension**

- De-normalizing tables structures in database design
- Adding multiple sources to existing Logical Table Sources
- Adding Second Table Source

#### **Adding Calculations to Fact**

- Calculation Measures, New Calculation Measures
- Calculation Measures on the Basis of Physical and Logical Columns
- Using Calculation Wizard

#### **Creating Dimensional Hierarchies and Level Based Measures**

- Creating Dimensional Hierarchy
- Use Level Based Measures
- Create Rank and Share Measures

#### **Using Partition or Fragments**

- Identifying reasons to Segment Data
- Techniques to Model Partitions
- Value Based Partitioning

#### **Using Variables**

- Presentation Variables
- Repository Variables
- Session Variables
- Initialization Blocks

#### **Using Aggregation**

- Importing Aggregated Tables into Repository
- Modeling Aggregate Tables to Speed Processing

#### **Merging Repository**

- Overview of Multi-User Environment (MUD)
- Modeling Time Series Data
- Types of Slowly Changing Dimensions

#### **Security**

- About Security Measures
- Creating Users and User Groups
- Assigning of Permissions etc.
  
- Cache Management
- Purging Cache and Event Handling Tables
- Making the Table Cacheable
- Setting of Cache in NQSCONFIG.INI File

### **Application Implementation Security**

- Security at Object Level
- Security at Data Level
  
- Application Development / Report Designing

### **Working with Oracle Answers**

- Building Business Requests Using Answers
- Write Back Feature
- Adding Filters to Business Requests
- Views and Charts in Requests

### **Creating Oracle Intelligence Dashboards**

- Pre-Configured and Personalized Views, Dashboard Prompts
- Configuring Guided Navigation Links

### **Administering Applications**

- Using Catalog Management to Maintain Web Catalog
- Security Creating Group, Issuing Privileges etc.

### **Using Oracle Delivers**

- Configuring Delivery Devices
- Add Delivery Profiles
- Build Oracle Alerts
- Create Ibots
- Configuring Oracle Scheduler Database
- Configuring of Event Pool Tables