

# Technical Training Course Data Sheet



Helping Your Business Intelligence Journey

**Course:** Oracle BI 11g Advanced Bootcamp  
**Duration:** 5 days  
**Delivery:** Instructor led with hands on exercises  
**Attendees:** BI Developers and Architects  
**Numbers:** Up to 15 Delegates per training

**Overview:** This 5 day training provides BI Developers and Architects with all the knowledge and “hands-on” experience needed to deliver a world-class OBIEE 11g implementation. First of all, Delegates will learn how to design and build a sophisticated set of Interactive Reports and Dashboards using a wide range of exciting features and visualisations. Delegates will then spend 3 days learning the advanced concepts and key fundamentals behind the Oracle BI 11g Server and BI Repository (RPD), learning how to model a variety of complex data sources and presenting users with an intuitive and usable set of Subject Areas.

**Agenda: Day 1 – Reports & Dashboards**

- Interactive Reports
  - Introduction to Answers
  - Column Properties
  - Column Formulas
  - Filters
  - Tables, Pivot Tables and Graphs
  - Multiple Subject Areas
  - Other Useful Views
  - Set Operations
  - Drill-Down and Navigation

**Day 2 – Reports & Dashboards**

- Enhancing your Interactive Reports
  - Master-Detail Linking
  - Hierarchical Columns
  - Conditional Formatting
  - Embedded Maps
- Interactive Dashboards
  - Introduction to Dashboards
  - Dashboard Prompts
  - Action Links and Conditions
  - Presentation Variables
  - Selections, Groups and Calculated Items
  - Dashboard Customizations

**Day 3 – Advanced Modelling**

- Modelling Overview and Concepts
- Modelling a Flat Structure
- Modelling a Star-Schema
- Slowly Changing Dimensions (SCD)
- Dimension Hierarchies
- Physical Calculations
- Aggregation
- Denormalization

**Day 4 – Advanced Modelling**

- Conforming Dimensions
- Simple Subject Areas
- Variables
- Security
- Logical Calculations
  - Physical vs Logical
  - Level Based Measures
  - Time Series
- Modelling Third-Normal-Form (3NF)
  - Handling Snow-Flakes
  - Optimising 3NF Queries
  - Overcoming Physical Complexity

**Day 5 – Advanced Modelling**

- Hierarchical Columns (MOLAP)
- Outer-Joins
- Cross Database-Joins
- Non-Conforming Dimensions
- BI Server Caching
- Usage Tracking
- 20 Golden Rules for the RPD

Please contact Peak Indicators Limited if you would like further information about this or any of our other offerings:

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