

## O130 - Oracle 10g Reports

### Course Objectives

This is a practical course covering Oracle's flagship report writing tool, Oracle 10g Reports. The course aims to cover ground level techniques necessary to understand the product, and to implement enterprise standard reports within the development business environment.

Who Should Attend	Prerequisites	Duration
Oracle Analyst/Programmers Oracle Developers Oracle DBA's Oracle Technicians	PC Fundamentals Oracle SQL Oracle PL/SQL	4 Days

### Course Contents

#### Report Basics

What is Oracle Reports  
Welcome to 10g Report Builder

#### The Object Navigator

Object Navigator Menus  
Object Navigator Toolbars  
Object Navigator Structures

#### Building Basic Reports

Creating Reports using Wizards  
Customising Reports in re-entrants mode  
Understanding Wizards and side effects

#### Query Builder

Query Builder Tools  
Building a Query using Query Builder

#### Data Model

Data Model Work Area  
Formula Columns  
Control Break Groups using Report Wizard  
Control Break Groups Manually  
Summary Columns using Report Wizard  
Summary Columns Manually  
Query Properties  
Group Properties  
Database Column Properties  
Multiple Queries & the Additional Default Layout Tool  
Query Data Links  
Queries: SQL, JDBC, Text, XML  
Ref Cursors

#### Live Previewer & Layout Model

Live Previewer Work Area  
Report Formatting using Live Previewer  
Layout Model Work Area  
Layout Model Tools  
Layout Model Menus  
Report Formatting using Layout Model  
Layout Object Properties  
Header and Trailer Pages  
Margin Page  
Direct Column and Field Referencing

#### Report Styles

Tabular Report Style  
Group Left Report Style  
Form Like Report Style  
Mailing Label Report Style  
Form Letter Report Style  
Group Above Report Style  
Matrix Report Style  
Matrix with Group Report Style

#### Templates

Template Editor Work Area  
Template Data Model  
PL/SQL in Templates  
Group Levels in Templates  
Adding Templates to Predetermined List  
Report Parameters  
Setting System Parameters  
Creating User Parameters  
Building Parameter Drop Down Lists  
Parameter Form Builder  
Parameter Form Formatting

#### PL/SQL in Reports

PL/SQL Overview  
PL/SQL Editor  
Syntax Palette  
Find and Replace in PL/SQL  
Report Triggers  
Format Triggers  
Validation Triggers  
Creating Independent Program Units  
Building and Using PL/SQL Libraries  
SRW.Message Built-ins  
SRW.Set\_Field Built-ins  
Conditional Formatting and SRW.Set Built-ins

#### Report Output and Distribution

Generating RTF Output for Word Processors  
Generating Delimited Text File Output  
Generating HTML Output  
Generating HTML Style Sheet Output  
Generating XML Output  
Generating PDF OutputSetting Report Distribution Properties  
Building a Report Distribution File  
Distributing Report Output  
Bursting to multiple destinations

#### Generating Reports for the Web

Creating web layout  
Custom JSP report tags  
Opening an HTML document



## COURSE OVERVIEWS

Embedding Reports into an  
HTML document

**Chart Wizard**

Creating Bar Charts

Different Graph Styles

Adding Charts to Reports