

# Contents

## **1 Introduction**

- Agenda 1-2
- Introductions 1-3
- Training Site Information 1-4
- Audience 1-5
- Course Goal 1-6
- Course Objectives 1-7
- Methodology 1-9
- Schedule 1-10

## **2 Introduction to Oracle Business Intelligence Enterprise Edition**

- Objectives 2-2
- What Is Business Intelligence? 2-3
- Oracle Business Intelligence Foundation Suite 2-4
- Oracle BI Architecture Components 2-5
- Presentation Services 2-6
- Oracle BI Presentation Server and Catalog 2-7
- Oracle BI Server 2-8
- Oracle BI Repository 2-9
- Data Sources 2-10
- Sample Analysis Processing 2-11
- What Is Oracle Exalytics BI Machine? 2-13
- Oracle Exalytics BI Machine: Overview 2-15
- Why Use the Oracle Exalytics Machine? 2-16
- Market Drivers and Technology Enablers 2-17
- Oracle Exalytics In-Memory Machine Architecture 2-18
- Administering Objects in the Presentation Catalog 2-23
- Quiz: Overview 2-26
- Quiz 2-27
- Summary 2-31
- Practice 2: Overview 2-32

## **3 Working with Oracle Business Intelligence Analyses**

- Objectives 3-2
- Oracle Business Intelligence Analysis Editor 3-3

Key Terms	3-4
Subject Areas	3-5
Columns	3-6
Hierarchies	3-7
Oracle Business Intelligence Analysis	3-9
Creating and Editing Analyses	3-10
Analysis Editor	3-11
Subject Areas and Catalog Panes	3-12
Analysis Editor Tabs	3-13
Working with Analyses in Oracle Business Intelligence	3-14
1. Construct an Analysis	3-15
1. Construct an Analysis (Multiple Subject Areas)	3-16
2. Modify Analysis Criteria	3-17
2. Modify Analysis Criteria (Sorting Columns)	3-18
2. Modify Analysis Criteria (Formulas)	3-19
2. Modify Analysis Criteria (Style)	3-21
2. Modify Analysis Criteria (Column Format)	3-22
2. Modify Analysis Criteria (Data Format)	3-23
2. Modify Analysis Criteria (Conditional Format)	3-24
2. Modify Analysis Criteria (Interaction)	3-25
2. Modify Analysis Criteria (Write Back)	3-26
3. Change Column Order	3-27
4. Display Analysis Results	3-28
5. Save an Analysis	3-29
Setting Analysis Properties	3-30
Analysis Properties: Results Display Tab	3-31
Analysis Properties: Interactions Tab	3-32
Analysis Properties: Data Tab	3-33
Adding Basic Formatting to Table Views	3-35
Formatting Containers	3-36
Formatting Column Headers and Values	3-37
Setting Table Properties	3-38
Data Viewing Properties	3-39
Other Style Properties	3-40
Advanced Formatting	3-41
Saving Column Settings as Systemwide Defaults	3-42
Copying and Pasting Formatting Attributes	3-43
Using a Saved Analysis as a Style Template	3-44
Customized Date and Time Format Strings	3-45
Applying a Customized Format String to a Column	3-46
BI Composer Analysis Wizard	3-47

Quiz: Overview 3-48  
Quiz 3-49  
Summary 3-51  
Practice 3: Overview 3-52

## **4 Filtering Data for Analyses**

Objectives 4-2  
Using Filters to Limit Data in Analyses 4-3  
Creating and Editing Filters 4-4  
Grouping Filters 4-7  
Dynamic Filtering 4-8  
Using a Saved Analysis as a Filter 4-9  
Editing SQL for a Column Filter 4-10  
Drilling and Filters 4-11  
Applying Named Filters 4-12  
Analysis Prompts 4-13  
Adding an Inline Prompt to an Analysis 4-14  
Defining Prompt Properties 4-15  
Multiple Column Filter Prompts 4-16  
Quiz: Overview 4-17  
Quiz 4-18  
Summary 4-21  
Practice 4: Overview 4-22

## **5 Selecting and Grouping Data for Analyses**

Objectives 5-2  
Using Selections to Limit Data in Analyses 5-3  
Creating Selection Steps 5-4  
1. Create a New Step 5-5  
2. Select the Step Type 5-6  
Step Types: Selecting Members 5-7  
Step Types: Adding Groups and Calculated Items 5-8  
Step Types: Applying Conditions 5-9  
Step Types: Selecting Members Based on Hierarchy 5-11  
Step Types: Selecting Members Based on Family Relationship 5-12  
Saving Selection Steps as a Group 5-13  
How Do Filters and Selection Steps Differ? 5-14  
Groups 5-16  
Creating Groups 5-17  
1. Create a New Member Group 5-18  
2. Define the Group Properties 5-19

- 3. Apply Formatting 5-20
- 4. Verify the Results 5-21
- Calculated Items 5-22
- Creating Calculated Items 5-23
  - 1. Create a New Calculated Item 5-24
  - 2. Define the Calculated Item Properties 5-25
  - 3. Verify the Results 5-26
- Direct Database Analysis Privileges 5-27
- Changing Direct Database Analysis Privileges 5-28
- Creating and Executing a Direct Database Analysis 5-29
  - 1. Create a Direct Analysis 5-30
  - 2. Construct a Direct Database Analysis 5-31
- Editing XML and SQL 5-32
- Using the Advanced Tab to Modify XML 5-33
- Using the Advanced Tab to Modify SQL 5-34
- Using the Advanced Tab to Include Advanced SQL Clauses 5-35
- Quiz: Overview 5-37
- Quiz 5-38
- Summary 5-43
- Practice 5: Overview 5-44

## **6 Adding Views to Analyses**

- Objectives 6-2
- Oracle Business Intelligence Views 6-3
- Descriptions of Views 6-4
- View Editors 6-6
- Compound Layout Pane 6-7
- Working with Views in Compound Layouts 6-8
- Directly Editing Table and Pivot Table Views in Compound Layouts 6-9
- Recommended Visualizations 6-10
- Creating and Copying Compound Layouts 6-12
- Views Pane 6-13
- Descriptions of Graph Views 6-15
- Graph Editor 6-17
- Graph Slider 6-18
- Graph Properties: General 6-19
- Graph Properties: Style 6-20
- Graph Properties: Scale 6-21
- Graph Properties: Titles and Labels 6-22
- Formatting Graphs by Position 6-23
- Formatting Graphs Conditionally 6-24

Performing Common Tasks in Views 6-25  
Previewing How Views Appear in Dashboards 6-26  
Specifying Totals 6-27  
Managing Aggregation 6-28  
Combining Values into Bins 6-29  
Creating Bins: Add Bins 6-30  
Creating Bins: Name and Configure Bins 6-31  
Quiz: Overview 6-32  
Quiz 6-33  
Summary 6-39  
Practice 6: Overview 6-40

## **7 Showing Results with Pivot Tables**

Objectives 7-2  
OLAP Data Source Compatibility 7-3  
Pivot Table Views 7-4  
Analyzing and Displaying Data in Table and Pivot Table Views 7-5  
Pivot Table 7-6  
Creating a Pivot Table 7-7  
1. Select Columns on the Criteria Tab 7-8  
2. Click the Results Tab and Select the Pivot Table View 7-9  
3. Open the Pivot Table Editor 7-10  
4. Rearrange Elements as Necessary 7-11  
Showing Results in Pivot Tables 7-13  
Sorting Data 7-14  
Sorting Data in Views 7-15  
Clearing Sorts 7-16  
Sorting with a Single Column on Each Edge 7-17  
Sorting with Two Columns on the Row Edge 7-18  
Sorting with Two Measures on the Column Edge 7-19  
Using Hierarchical Columns 7-20  
Hierarchical Columns 7-21  
Overriding Default Aggregation Rules 7-23  
Using Totals 7-24  
Adding Formatting: Overall Appearance 7-25  
Adding Formatting: Pivot Table Positions 7-26  
Adding Formatting: Section Options 7-27  
Adding Formatting: Showing a Section Once 7-28  
Showing an Item's Relative Value 7-29  
Showing the Relative Value of an Item 7-30  
1. Duplicate the Measure 7-31

- 2. Rename the Duplicate Measure 7-32
- 3. Select the Show Data As Option 7-33
- 4. View the Results 7-34
- Using Calculations in Pivot Tables 7-35
- Building Calculations by Using Functions 7-36
- Building Calculations by Using Formulas 7-37
- Displaying Running Sums in Pivot Tables 7-38
- Quiz: Overview 7-39
- Quiz 7-40
- Summary 7-43
- Practice 7: Overview 7-44

## **8 Working with Additional Views in Analyses**

- Objectives 8-2
- Trellis View 8-3
  - Creating a Simple Trellis View 8-4
    - 1. Select Columns on the Criteria Tab 8-5
    - 2. Click the Results tab and add a Simple Trellis View 8-6
    - 3. Open the Trellis Editor 8-7
    - 4. Rearrange Elements as Necessary 8-8
  - Advanced Trellis View 8-10
    - Creating an Advanced Trellis View 8-11
      - 1. Select Columns on the Criteria Tab 8-12
      - 2. Click the Results tab and add an Advanced Trellis View 8-13
      - 3. Open the Trellis Editor 8-14
      - 4. Rearrange Elements as Necessary 8-15
- Performance Tile View 8-17
  - Creating a Performance Tile 8-18
    - 1. Select Columns on the Criteria Tab 8-19
    - 2. Click the Results Tab and Add a Performance Tile 8-20
    - 3. Open the Performance Tile Editor 8-21
    - 4. Make the Formatting Changes 8-22
- Narrative View 8-23
- Ticker View 8-24
- View Selector View 8-26
- Column Selector View 8-27
- Selection Steps View 8-29
- Linking Master–Detail Views 8-30
  - Defining the Master View 8-31
  - Defining the Detail View 8-32
  - Master–Detail Linking of Views 8-33

Renaming a View or Compound Layout 8-34  
Quiz: Overview 8-35  
Quiz 8-36  
Summary 8-39  
Practice 8: Overview 8-40

## **9 Visualizing Data: Gauges and Maps**

Objectives 9-2  
Gauge Views 9-3  
Working with Gauge Views 9-4  
1. Add a Gauge View 9-5  
2. Set Layout 9-6  
3. Manage Settings and Properties 9-7  
Map Views 9-8  
Map View Example #1 9-9  
Map View Example #2 9-10  
Map View Example #3 9-11  
Oracle Spatial Components 9-12  
Manage Map Data 9-13  
Import Layer 9-14  
Edit Layer 9-15  
Import Background Map 9-16  
Edit Background Map 9-17  
Images 9-18  
Creating and Editing Map Views 9-19  
1. Add a Map View 9-20  
2. Set Properties 9-21  
3. Edit Formats: Format Options 9-22  
3. Edit Formats: Define Formats 9-24  
Interacting with Map Views 9-25  
Drilling in Map Views 9-26  
Master–Detail Linking in Map Views 9-27  
Action Links in Map Views 9-29  
Other Applications for Map Views 9-30  
Other Points of Integration 9-31  
Quiz: Overview 9-32  
Quiz 9-33  
Summary 9-35  
Practice 9: Overview 9-36

## **10 Scorecards and Key Performance Indicators**

- Objectives 10-2
- Case Study: Eden Inc. 10-3
- Oracle Scorecard and Strategy Management 10-4
- Oracle Scorecard and Strategy Management: Basics 10-6
- Balanced Scorecard 10-7
- Scorecard Editor 10-8
- Scorecard Objects 10-9
- Key Performance Indicators 10-11
- KPI Concepts and Terminology 10-12
- Evaluating KPIs 10-14
- Scorecard Documents (Views) 10-15
- Strategy Tree: Strategy Tree Diagram 10-16
- Strategy Tree: Contribution Wheel Diagram 10-18
- Strategy Map 10-19
- Cause and Effect Map 10-20
- Watchlist and Smart Watchlist 10-21
- Custom View 10-22
- Summary 10-23
- Quiz: Overview 10-24
- Quiz 10-25

## **11 Measuring Results with Scorecards and KPIs**

- Objectives 11-2
- Creating a Scorecard 11-3
  - 1. Create a New Scorecard 11-5
  - 2. Create Perspectives 11-6
  - 3. Create KPIs 11-7
    - 3.1 Create a new KPI 11-8
    - 3.2 Define General Properties 11-9
    - 3.3 Set the Data Format and Enable Trending 11-10
    - 3.4 Define the Dimensionality 11-11
    - 3.5 Define States and Thresholds 11-12
    - 3.6 Define Related Documents 11-14
    - 3.7 Define Custom Attributes 11-15
    - 3.8 Target Settings in KPIs (Essbase Only) 11-16
- Practice 11: Overview 11-17
  - 4. Create KPI Watchlists 11-18
  - 5. Create KPI Smart Watchlists 11-19
  - 6. Create and Arrange Objectives 11-20
  - 7. Create and Arrange Initiatives 11-21



8. Assign Weights to Individual Objectives and Initiatives	11-22
9. Set Assessment Mappings	11-24
10. Implement Status Overrides	11-25
11. Graphically Depict Relationships	11-26
12. Use Comments	11-27
13. Add Scorecard Views to Dashboards	11-28
14. Create Agents from KPIs	11-29
15. Define Mission and Vision Statements	11-30
16. Set Up Point of View Controls	11-31
Working with Objects in the Scorecard Editor	11-32
Right-Click Menu Ordering Guidelines	11-34
Summary	11-36
Practice 11: Overview	11-37
Quiz: Overview	11-38
Quiz	11-39

## **12 Creating Oracle Business Intelligence Dashboards**

Objectives	12-2
Dashboards	12-3
Dashboard Pages	12-4
Creating and Editing a Dashboard	12-6
Creating a New Dashboard from Global Header	12-7
Global Header: Setting Preferences for Your Default Dashboard View	12-8
Using Dashboard Builder	12-10
Using the Dashboard Builder Toolbar	12-11
What Can I Add to a Dashboard?	12-12
Adding Objects to a Dashboard Page	12-14
Dashboard Builder Tools Toolbar Layout	12-15
Tools Toolbar: Dashboard Properties	12-16
Dashboard Properties: Dashboard Report Links	12-18
Dashboard Properties: Dashboard Page Controls	12-19
Tools Toolbar: Print Options	12-20
Tools Toolbar: Page Report Links	12-21
Tools Toolbar: Prompts Buttons on Current Page	12-23
Tools Toolbar: Allow Saving Personal Customizations	12-24
Tools Toolbar: Publishing Dashboard Pages	12-25
Exploring Dashboard Object Properties	12-26
Exploring Column Properties	12-27
Exploring Section Properties	12-28
Exploring Section Properties: Arranging Sections Horizontally	12-30
Exploring Section Properties: Controlling the Drilldown Display	12-31

- Section Properties: Conditions 12-32
- Section Properties: Adding an Inline Condition for an Analysis 12-34
- Section Properties: Adding an Inline Condition for a KPI 12-36
- Section Properties: Adding a Named Condition 12-38
- Section Properties: Formatting and Renaming 12-39
- Miscellaneous Dashboard Page Functionality 12-40
- Page Options Toolbar: Creating Personal Customizations 12-41
- Page Options Toolbar: Creating Shared Customizations 12-42
- Page Options Toolbar: Creating Links to Dashboard Pages 12-43
- Page Options Toolbar: Adding Content to a Briefing Book 12-45
- Page Options Toolbar: Export to Excel 12-46
- Summary 12-47
- Practice 12: Overview 12-48
- Quiz: Overview 12-49
- Quiz 12-50

## **13 Configuring Oracle Business Intelligence Dashboards**

- Objectives 13-2
- Dashboard Objects 13-3
- Alerts Section 13-4
- Action Link and Action Link Menu 13-5
- Link or Image 13-7
- Embedded Content 13-10
- Text 13-11
- Text: ActiveX 13-12
- Text: Scripts 13-13
- Text: Audio 13-14
- Folder 13-15
- Breadcrumbs 13-16
- Summary 13-17
- Practice 13: Overview 13-18
- Quiz: Overview 13-19
- Quiz 13-20

## **14 Creating Dashboard Prompts and Variables**

- Objectives 14-2
- Variables 14-3
- Session Variables 14-4
- Repository Variables 14-5
- Presentation Variables 14-6
- Request Variables 14-7

Referencing Variables	14-8
Syntax for Referencing Variables	14-9
Dashboard Prompts	14-11
Dashboard Prompts: Column Prompts	14-12
Dashboard Prompts: Other Prompts	14-13
Adding a Named Column Prompt to a Dashboard	14-14
1. Create a New Named Column Prompt	14-15
2. Select the Prompt Type	14-16
3. Select the Subject Area and Column	14-17
4. Select the Operator and Other Options	14-18
5. Save the Prompt	14-22
6. Preview the Prompt	14-23
7. Add the Prompt to the Dashboard	14-24
8. Set the Scope for the Prompt	14-25
9. Test the Results	14-26
Adding a Hidden Named Prompt to a Dashboard	14-28
1. Edit Dashboard Properties	14-29
2. Navigate the Catalog to Locate the Named Prompt	14-30
3. Test the Results	14-31
Creating a Second Prompt Page	14-32
1. Add a New Prompt to an Existing Prompt Page	14-33
2. Insert a Page Break	14-34
3. Edit the Dashboard and Add the Prompt	14-35
4. Test the Results	14-36
Setting Preferences for a Prompt Page	14-38
Presentation Variables and Prompts	14-40
Request Variables and Prompts	14-41
Adding a Variable Prompt to a Dashboard	14-42
1. Add a Variable to an Existing Analysis	14-43
2. Create a New Variable Prompt	14-45
3. Select the Prompt Type	14-46
4. Define the Prompt Properties	14-47
5. Save the Prompt	14-48
6. Select the Dashboard	14-49
7. Add the Prompt to the Dashboard	14-50
8. Navigate the Catalog to Locate the Named Prompt	14-51
9. Test the Results	14-52
Adding a Hierarchical Prompt	14-53
Applying Prompts with Default Values	14-54
Wiring Dashboard Prompts	14-55
Auto-Complete for Prompts	14-57

Enabling Auto-Complete for Prompts 14-58  
Optional Apply and Reset Buttons for Prompts 14-59  
Summary 14-60  
Practice 14: Overview 14-61  
Quiz: Overview 14-62  
Quiz 14-63

## **15 Integrating BI Content with MS Office**

Objectives 15-2  
Analyzing Oracle BI Content in MS Office 15-3  
Oracle BI Add-in for Microsoft Office 15-4  
Setting Up Smart View 15-5  
Installing Smart View 15-6  
Verifying the Oracle BI EE Extension 15-7  
Creating Oracle BI EE Connections in Smart View: Steps 1–4 15-8  
Creating Oracle BI EE Connections in Smart View: Steps 5–7 15-9  
Viewing the BI Catalog in Smart View 15-10  
Inserting BI Views into Smart View Clients 15-11  
Inserting Default Table Views 15-13  
Inserting Table Views as Excel Tables 15-14  
Inserting Default Pivot Table Views 15-15  
Inserting Pivot Table Views as Excel Pivot Tables 15-16  
Inserting Graph Views 15-17  
Inserting Compound Views 15-18  
Inserting Dashboard Pages 15-19  
Summary 15-20  
Practice 15: Overview 15-21  
Quiz: Overview 15-22  
Quiz 15-23

## **16 Working with BI Content in Smart View**

Objectives 16-2  
Working with Views in Smart View Clients 16-3  
Document Contents Pane 16-4  
Working with Analysis Prompts 16-5  
Working with Page Prompts 16-6  
Refreshing Views 16-7  
Setting Refresh Preferences 16-9  
Masking Data in Views 16-10  
View Properties 16-12  
Customizing Data in Office 16-13

- Editing Microsoft Office Charts 16-14
- Changing Chart Layout and Style 16-15
- Changing PowerPoint Themes 16-16
- Copying and Pasting BI Objects 16-17
- Copying and Pasting BI Objects Between Smart View Clients 16-18
- Copying and Pasting Graph Views 16-19
- Copying and Pasting Table or Pivot Table Views 16-20
- Copying and Pasting Views from Oracle BI to Smart View 16-21
- Editing Analyses in Oracle BI EE 16-22
- Creating and Publishing Views Using the View Designer 16-23
- Creating a View Layout and Type Steps 1–3 16-24
- Creating a View Layout and Type Steps 4–5 16-25
- Creating a View Layout and Type Step 6 (Optional) 16-26
- Creating a View Layout and Type Step 7 (Optional) 16-27
- Defining Filter Expressions in the View Designer 16-28
- Publishing Views to the BI Catalog 16-29
- Guidelines for Publishing Ad Hoc Views 16-30
- Federating Data 16-31
- Summary 16-32
- Practice 16: Overview 16-33
- Quiz: Overview 16-34
- Quiz 16-35

## **17 Oracle Business Intelligence Mobile**

- Objectives 17-2
- Oracle Business Intelligence Mobile 17-3
- Getting BI Mobile 17-5
- Launching the BI Mobile Application 17-6
- Setting Up User Credentials 17-7
- First Time Help Screen: Home Page 17-8
- Oracle BI Mobile User Interface 17-9
- First Time Help: Settings 17-10
- Configuring Oracle BI Mobile 17-11
- Navigating BI Mobile on Your Mobile device 17-12
- Navigating the Carousel, Tile, and List Subviews 17-13
- Navigating to Dashboards 17-14
- Working with Favorites 17-15
- Working with Local Content 17-16
- Performing Searches 17-17
- Adjusting Search Settings 17-18
- Working with BI Content 17-19

Working with Object Options 17-21  
Oracle BI Mobile Security Toolkit 17-22  
Summary 17-24  
Quiz: Overview 17-25  
Quiz 17-26

## **18 Creating Mobile Applications with Oracle Business Intelligence Mobile App Designer**

Objectives 18-2  
BI Mobile App Designer 18-3  
BI Mobile App Designer Trial Edition 18-4  
Creating Basic Mobile Apps 18-5  
1. Starting Oracle BI Mobile App Designer 18-6  
2. Exploring the Mobile App Designer Interface 18-8  
3. Optional: Modifying the Cover Page 18-9  
4. Adding Pages to App 18-10  
5. Previewing App 18-11  
Tile Pages 18-12  
Designing Apps with Tile Pages 18-13  
1. Inserting Tile Pages 18-14  
2. Stoplight Formatting 18-16  
Subpage 18-17  
Navigation Pages 18-18  
Creating Navigation Pages 18-19  
1. Inserting Navigation Pages 18-20  
2. Creating a Navigation Hierarchy 18-21  
Summary 18-22  
Practice 18: Overview 18-23  
Quiz: Overview 18-24  
Quiz 18-25

## **19 Using Oracle Business Intelligence Delivers**

Objectives 19-2  
Oracle Business Intelligence Delivers 19-3  
Delivery Devices 19-4  
Delivery Profiles 19-5  
Creating a Delivery Device 19-6  
Creating a Delivery Profile 19-7  
Business Intelligence Alerts 19-8  
Adding an Alert Section to a Dashboard 19-9  
Agents 19-10

How Agents Work: Simplified Format	19-11
Configuring an Agent	19-12
1. Configure the General Tab	19-13
2. Configure the Schedule Tab	19-14
3. Configure the Condition Tab	19-15
4. Configure the Delivery Content Tab	19-16
5. Configure the Recipients Tab	19-17
6. Configure the Destinations Tab	19-19
7. Configure the Actions Tab	19-21
Subscribing to an Agent	19-23
Listing Your Agents	19-24
Using Agents to Deliver Content	19-25
Using Conditions to Deliver Content	19-26
1. Create a New Agent and Assign an Analysis for Its Condition	19-27
2. Define How the Condition Evaluates to “True”	19-28
3. Test the Results	19-29
Using Agents to Proactively Respond to KPI Performance	19-30
1. Create a New Agent and Assign a KPI for Its Condition	19-31
2. Define How the Condition Evaluates to “True”	19-32
3. Test the Results	19-33
Summary	19-34
Practice 19: Overview	19-35
Quiz: Overview	19-36
Quiz	19-37

## **20 Administering the Presentation Catalog**

Objectives	20-2
Security Goal: Access and Actions	20-3
Oracle BI Security and Catalog Security	20-4
Default BI Roles	20-6
Presentation Catalog Folder and Object Permissions	20-8
Permission Inheritance	20-9
Default Application Role Hierarchy: Example	20-10
Setting Object Permissions	20-11
1. Click Permissions	20-12
2. Add Roles	20-14
3. Set Permissions	20-15
Recommendations for Setting Permissions	20-16
Viewing and Setting Properties	20-17
Setting System Privileges	20-18
1. Click Administration and Manage Privileges Links	20-19

2. Pick Users and Roles	20-20
Catalog Groups	20-21
Archiving Catalog Items	20-22
Oracle BI Briefing Books	20-24
Working with Oracle BI Briefing Books	20-25
Add Content to a New or Existing Oracle BI Briefing Book	20-26
Edit an Oracle BI Briefing Book	20-29
Download an Oracle BI Briefing Book	20-30
Working with Favorites	20-31
Adding Objects to Favorites	20-32
Accessing Favorite Objects	20-33
Organizing Favorites	20-34
Removing Favorites	20-35
Summary	20-36
Practice 20: Overview	20-37
Quiz: Overview	20-38
Quiz	20-39

## **21 Oracle Cloud**

Agenda	21-2
What is Cloud?	21-3
What is Cloud Computing?	21-4
History – Cloud Evolution	21-5
Components of Cloud Computing	21-6
Characteristics of Cloud	21-7
Cloud Deployment Models	21-8
Cloud Service Models	21-9
Industry Shifting from On-Premises to the Cloud	21-13
Oracle IaaS Overview	21-15
Oracle PaaS Overview	21-16
Oracle SaaS Overview	21-17
Summary	21-18

## **22 Oracle BI Cloud Service Overview**

Objectives	22-2
Agenda	22-3
What is Oracle BI Cloud Service?	22-4
Oracle's BI Cloud Leadership	22-6
What Does BICS Do?	22-7
Unlocks Business Agility	22-8
Integrate Any Data Source Quickly	22-9



Answer Any Question From Any User	22-10
Makes Any Time The Right Time For New Insights	22-11
Handles the Whole Analytic Process	22-12
Oracle BI Cloud Load Options	22-13
BICS Thin Client Loader	22-14
SQL Developer	22-15
BICS Data Sync	22-16
BICS REST API	22-17
Introduction to Data Modeling	22-18
Introduction to Data Modeling-cont	22-19
Data Modeler UI Elements– Unlocked Model	22-20
What can you do in Data Modeler?	22-21
Introduction to Lift and Shift	22-22
Migrating RPD to BI Cloud Service	22-23
Building Interactive Dashboards	22-24
Creating Analyses	22-25
Working with Analyses	22-26
Interactive Dashboards	22-27
Visual Analyzer - Simple But Powerful	22-28
Features of Visual Analyzer	22-29
Added BICS Features	22-33
Summary	22-34

