

Overview of Cognos 8 BI

- Introduce Cognos 8 BI
- Describe IBM Cognos 8 BI components
- Describe IBM Cognos 8 architecture at a high level
- Define IBM Cognos 8 groups and roles
- Explain how to extend IBM Cognos8

Cognos 8 Installation and Configuration

- Components used by Cognos 8
 - Server Components
 - Modeling Components
- Installing Cognos 8
- Setting up the Environment
- Configuring Cognos 8
- Setting up Samples
- Uninstalling Cognos 8

Cognos 8 Framework Manager

- Introduction to Framework Manager
 - Framework Manager Basics
 - User Interface, Navigation, Objects
 - Planning the project and data model
 - Naming Conventions for objects in a project
- Designing Project
 - Create project
 - Importing Metadata
 - Exporting Metadata
 - Multi-user Modeling
 - Segmenting and Linking
 - Create Model Documentation
- Data Sources
 - Working with Data Source Connections
 - Create and Modify Data Sources
 - Improve Performance by setting Query Processing Type
- Preparing Relational Metadata for use in Reports
 - Verifying Relationships
 - Working with Dimensions
 - Working with Query Subjects
 - Working with Query Items
 - Supporting Multilingual Metadata
 - Adding Business Rules
 - Organizing the Model
- Making Metadata Available to Report Authors
 - Verify Model
 - Set Governors
 - Improving Performance
 - Create or Modify Package
 - Controlling access to Metadata

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- Explore Package
 - Publish Package
- Guideline for Modeling Metadata
 - Scenarios
 - New Objects - Determinants, Regular Dimensions, Measure Dimensions, Scope Relationship
 - Dimensional Modeling of Relational Data Sources
- Types of Security
 - Data Level
 - Objective Level
 - Package level

- SQL Generated by Cognos 8
 - Understanding Dimensional Queries
 - Resolving Ambiguously Identified Dimensions and Facts
 - Resolving Queries that should not have been split
 - Resolving Queries that are split in the wrong place
- Optimizing PowerCubes
- Deployment of PowerCubes to the Cognos Connection

Cognos 8 Connection

- Examine Cognos Connection
- Run and view reports
- View the run history of a report
- Organize content with folders and shortcuts
- Customize report outputs by using report views
- Schedule single and multiple reports
- Personalize Cognos Connection
- Creation of Portal pages

Cognos 8 Query Studio

- Introduction to Query Studio
- Create Reports (List, Grouped List, Crosstab, Charts)
- Changing the Appearance of Reports (Format)
- Sorting and Grouping
- Filters and Prompts
- Subtotals and Calculations
- Run and Manage Reports
- Drill Through reports

Cognos 8 Report Studio

- Introduction to Report Studio
 - Report Studio User Interface
 - Creating, Save and Run Reports
 - Report Templates
 - Managing Reports

- Formatting a Report
 - Report Layout Guidelines
 - Fonts, Styles, Header, Footer and Borders
 - Insert objects
 - Apply Table Styles
 - Swap Columns and Rows
- Create Additional Advanced Reports
 - create a report that displays summarized data before detailed data
 - highlight alternate rows in a list report
 - use single data items to summarize report information
 - save reports to server file system
 - Drill-through Reports
 - Drill-up/Drill-down Reports
 - Master-Detail Reports
 - Scheduling Reports
- Working with Data
 - Filters, Parameters and Prompts
 - Sorting and Grouping
 - Subtotals and Calculations
 - Working with Queries
- Create Query Models
 - build query models and then connect them to the report layout
 - add filters and prompts to a report using the query model
 - edit an SQL statement to author custom queries
- Create Advanced Dynamic Reports
 - filter reports on session parameter values
 - navigate a briefing book using a table of contents
 - create dynamic headers and title that reflect report data
 - let users navigate to specific locations in reports
 - create a customer invoice report
- Design Effective Prompts
 - control report displays using prompts
 - specify conditional formatting values using prompts
 - create a report that formats based on prompts selection
 - create a sorted and filtered report based on prompt selection