

Course Content of Cognos

1. Overview of Business Intelligence

- i. What is Business Intelligence
- ii. Importance & Uses of BI
- iii. Components of BI
- iv. Business Intelligence Roadmap

2. Overview of Data Warehousing

- i. What is Data Warehouse
- ii. OLTP and OLAP systems
- iii. Data Warehouse Architecture
- iv. Star Schema

3. Cognos 8 BI introduction

- i. Cognos Architecture
- ii. Installation of Cognos 8 BI
- iii. Configuring Cognos 8 BI
- iv. Different studios in Cognos 8 BI

4. Cognos 8 BI Administration

- i. Create and Modify Data Sources
- ii. Create Users, Roles and Groups
- iii. Define permission/security settings

5. Cognos Connection QuickTour

- i. Navigation – Public and Private Folder
- ii. Scheduling – Report, format options, job
- iii. Create URL, Portals, Pages, Report views
- iv. Cognos Configuration, Content Store
- v. Security setup and Deployment(import,export)

6. Cognos Query Studio

- I. Introduction to Query Studio
- II. Create Reports (List, Crosstab, Charts, Grouped List)
- III. Report Layout and formatting

- IV. Sorting, Grouping & Subtotals
- V. Applying Filters, Prompts & Calculations
- VI. Drill Through Reports
- VII. Run and Manage Reports

7. Cognos Analysis Studio

- I. Introduction to Analysis Studio
- II. Creating a basic Analysis
- III. Insert data, Nest data
- IV. Exploring data
- V. Change measure, Drill down
- VI. Insert a calculation, Sharing data

8. Cognos Report Studio

- I. Introduction to Report Studio
- II. Creating List, Crosstab, Chart, Repeater, Maps
- III. Formatting Reports
- IV. Creating prompts, filters, calculations
- V. Conditional formatting
- VI. Master detail and drill through reports
- VII. Report bursting
- VIII. Setting Variables
- IX. Set operators
- X. Report functions & Report validation

9. Cognos Framework Manager

- I. Introduction to Framework Manager
(User Interface, Navigation, Objects, Metadata modeling)
- II. Creating Model & Namespace (Layers)
- III. Importing Metadata
- IV. Creating Query Subjects & Query Items
- V. Creating Relationships & setting cardinalities
- VI. Verify model, publishing package
- VII. Add Business Rules & Set Governors
- VIII. Assigning package level security
- IX. Calculations & Filters

10. Cognos Event Studio

- I. Introduction to Event Studio
- II. Creating Agents
- III. Specify an Event condition
- IV. Scheduling Agent