

## **Cognos10 Course Content:35-40hours**

### Course Outline

#### **1.What's New Cognos 10 BI**

- Overview of Business Intelligence
- What is Business Intelligence
- Why is BI Important & where can we use it
- Components of BI
- Business Intelligence Roadmap

#### **2.Overview of Data Warehousing**

- What is Data Warehouse,
- Why do we need it
- Data Warehouse Architecture & its components
- Define Star schema-Fact and Dimensions
- Understand OLTP and OLAP

#### **3.Overview of Cognos10 BI & Architecture**

- Introduce Cognos10 BI
- What's new Cognos10 BI
- Examine the different studio in Cognos 10 BI
- Identify the different data sources within the studios
- Highlight key capabilities of Cognos10 BI
- Understand Cognos Multi Layered architecture

#### **4.Cognos 10 Installation & Configuration**

- Setting up the Environment
- Configuring Cognos 10
- Setting up samples in Cognos 10
- Uninstalling Cognos 10

## 5.Cognos10 BI Administration

- Create and Modify a Data Source
- Create Database backups
- Understand Roles Users and Groups
- Specify Permission Settings

## 6.Cognos 10 Connection Administration

- What is Cognos Connection
- Examine Cognos Connection UI elements
- Create a URL , Login, Logoff
- Sorting and Grouping
- Sub totals and Calculations
- Working with Queries
- Working with Reports
- Managing the changes in the Package
- Conditional Formatting
- Drill-through Reports
- Drill-up/Drill-down Reports
- Master-Detail Reports
- Scheduling Reports
- Entry Properties: General Properties
- Restore an exported Backup
- Permissions, Reports,Query,Analysis,Job Agent and
- Personalize Cognos Connection
- Backups-Export of Cognos,Content
- Store or select items for Backups
- Create and Customize a Page and share a Single page with Multiple Users

## 7.Cognos10 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

## 8.Cognos10 Analysis Studio

- Introduction to Analysis Studio
- Creating a Basic Analysis
- Working with data in Crosstab Exploring
- Data
- Limiting Data
- Calculating Data
- Sharing Data

## 9.Cognos 10 Report Studio

- Introduction to Report Studio
- Report Studio user interface
- Creating Save and Run Reports
- Report Templates
- Managing Reports
- Types of Reports
- Active Reports
- List Reports
- Fonts, Styles,Header, Footer and Borders
- insert objects
- Swap Columns and rows
- Working with Data
- Filters, Parameters and Prompts
- Best Practices,Presentation and Database layers
- Merge Metadata
- Perform Calculations and Filters

## 10.Cognos10 Framework Manager

- Introduction to Framework manager
- Framework manager Basics
- User Interface,Navigation,Objects
- Planning the project and data model
- Frmawork manager workflow
- Naming Conventions for objects ina project
- Desingning Project
- Create project
- Imorting Meradata from one and more sources
- Exporting Metadata Data Sources

- Working with Data Source Connections
- Create and Modify Data Sources
- Improve Performance by setting Query
- Processing type
- Preparing Relational Meta data for use in Reports
- Verifying Relationships
- Working wit Dimensions
- Working with Query Subjects-Data,Model and
- Stored procedure Query Subject
- Working with Query Items - Set Usage and Aggregate Property
- Making Metadata Available to Report Authors
- Verify Model
- Set Governors
- Improving Performance
- Create or Modify Package
- Controlling access to Metadata
- Explore Package
- Publish Package
- Guideline for Modeling Metadata