

**COGNOS BI Course Content:35-40hours**

**Course Outline**

**COGNOS Business Intelligence 1**

**Introduction to Cognos**

**Query studio:**

- A. Types of reports
- B. Query studio templates
- C. User interface
- D. Operation on list report
- E. Data formatting
- F. Expand and collapse group
- G. Custom groups
- H. Filters and calculations
- I. Conditional formatting

**Report studio:**

- A. Types of reports
- B. User interfaces
- C. Page structure and page view
- D. Operations on list
- E. Discontinuous cross tab
- F. Advances sorting and grouping
- G. Map reports and gauge chart
- H. Formatting the data
- I. Types Filters and calculations
- J. Prompts
- K. Tree prompt
- L. Cascading prompts
- M. Drill through
- N. Drill through on charts
- O. Drill up and drill down
- P. Bookmark
- Q. Master - Detail relationship
- R. Re usability of queries
- S. Workina with MDX functions
- T. Variables
- U. Conditional styles and formatting
- V. Conditional formatting with charts
- W. Render variable
- X. Conditional blocks
- Y. Conditional layouts
- Z. Layout component reference

- AA. Bursting
- BB. Dashboard reports
- CC. Understating the reports from query explorer
- DD. Understanding and exploring the tools in toolbox
- EE. Performance tuning

**Analysis studio:**

- A. Introduction to analysis studio
- B. Types of analysis
- C. Rows columns and context
- D. Suppress zeros and nulls
- E. Filters and calculations
- F. Top and bottom rows
- G. Sorting
- H. Drill up and drill down
- I. Convert to chart
- J. Replacing columns and rows
- K. Open in report studio

**Event studio:**

- A. Benefits of event studio
- B. Process flow
- C. Specify event condition
- D. Tasks
- E. Task execution rules
- F. Agents
- G. Scheduling an agent

**Frame work manager:**

- A. User interface
- B. Project and model
- C. Approaches for modeling
- D. Data source connection
- E. Importing the metadata
- F. Objects in FM
- G. Types of query subjects
- H. Filters and calculations
- I. Usage property and aggregate property
- J. Relation ship and cardinality
- K. Packages
- L. DMR approach
- M. Regular and measure dimension
- N. Scope relationships
- O. OLAP sources
- P. Security
- Q. Linking and segmentation

- R. Transaction logging
- S. Edit governors
- T. Function sets
- U. SQL types
- V. Query processing types
- W. Performance tuning of the model
- X. Macros
- Y. Session parameters
- Z. Synchronization
- AA. Performance tuning

**Cognos connections**

- A. Public folders / private folders
- B. Directory tool
- C. Schedule management
- D. Content administration
- E. My preferences
- F. Name spaces
- G. Security

