

## **IBM COGNOS ANALYTICS - AUTHOR REPORTS FUNDAMENTALS**

### **V11.X (3 Days)**

#### **Course Overview**

This course provides professional report authors an opportunity to learn report building techniques using relational data models. Techniques to enhance, customize, and manage professional reports will be explored. Demonstrations and exercises will illustrate and reinforce key concepts during this learning opportunity.

#### **Prerequisites**

Knowledge of your business requirements  
Experience using the Windows operating system  
Experience using a Web browser

#### **Course Outline**

##### **Unit 1 - Introduction to the Reporting Application**

- \* Examine Author Reports and its interface
- \* Explore different report types
- \* Create a simple, sorted, and formatted report
- \* Explore how data items are added queries

##### **Unit 2 - Create List Reports**

- \* Format, group, and sort list reports
- \* Describe options for aggregating data
- \* Create a multi-fact query
- \* Create a report with repeated data

##### **Unit 3 - Focus Reports Using Filters**

- \* Create filters to narrow the focus of reports
- \* Examine detail and summary filters
- \* Determine when to apply filters on aggregated data

##### **Unit 4 - Create Crosstab Reports**

- \* Format and sort crosstab reports
- \* Convert a list to a crosstab
- \* Create crosstabs using unrelated data items

### **Unit 5 - Present Data Graphically**

- \* Create charts containing peer and nested columns
- \* Present data using different chart type options
- \* Add context to charts
- \* Create and reuse custom chart palettes
- \* Introduction to visualization
- \* Present key data in a single dashboard report

### **Unit 6 - Focus Reports Using Prompts**

- \* Identified various prompt types
- \* Use parameters and prompts to focus data
- \* Search for prompt types
- \* Navigate between pages

### **Unit 7 - Extend Reports Using Calculations**

- \* Create expressions using functions
- \* Add run-time information to the reports
- \* Create expressions using functions

### **Unit 8 - Use Additional Report Building Techniques**

- \* Enhance report design with report objects
- \* Reuse objects within the same report
- \* Share layout components among separate reports
- \* Discuss report templates
- \* Choose options to handle reports with no available data

### **Unit 9 - Customize Conditional Formatting**

- \* Create multi-lingual reports
- \* Highlight exceptional data
- \* Show and hide data
- \* Conditionally render objects in reports
- \* Conditionally format one crosstab measure based on another

### **Unit 10 - Drill-Through from One Report to Another**

- \* Let users navigate from a specific report to a target report
- \* Pass parameter values to filter the data in drill-through targets
- \* Navigate through multiple reports

### **Unit 11 - Drill Through Definitions**

- \* Discuss parameter-driven drill through
- \* Discuss dynamic drill through
- \* Setup package-based drill through definitions
- \* Step scope
- \* Use the Drill-Through Assistant

### **Unit 12 - Enhance Report Layout**

- \* Force page breaks in reports
- \* Modify existing reports structures
- \* Apply horizontal formatting
- \* Specify print options for PDF reports
- \* Format data and report objects

## **Appendix A - Overview of IBM Cognos Analytics (Shared module)**

- \* Describe IBM Cognos Analytics and Financial Performance Management (FPM)
- \* Describe IBM Cognos Analytics components
- \* Describe IBM Cognos architecture at a high level
- \* Define IBM Cognos groups and roles
- \* Explain how to extend IBM Cognos Analytics