

# IBM COGNOS ANALYTICS: AUTHOR REPORTS ADVANCED (V11.2)

Course Code: 900004

Learn Professional Report Authors about advanced report building techniques using relational data models.

This course teaches Professional Report Authors about advanced report building techniques using relational data models, and ways of enhancing, customizing, and managing professional reports. The course builds on topics presented in the Fundamentals course. Attendees will participate in interactive demonstrations and exercises that illustrate key concepts while learning how to use advanced features in the product builds on topics learned in the Fundamentals course.

## What You'll Learn

Learn Professional Report Authors about advanced report building techniques using relational data models and ways of enhancing, customizing, and managing professional reports.

## Who Needs to Attend

Report Authors

## Prerequisites

- Knowledge of your business requirements
- Fundamental report authoring knowledge

IBM Cognos Analytics: Author Reports Fundamentals (v11.2) - Code: B6358G

# IBM COGNOS ANALYTICS: AUTHOR REPORTS ADVANCED (V11.2)

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VIRTUAL CLASSROOM LIVE

\$1,900 USD

2 Day

## Virtual Classroom Live Outline

### **Module 1: Create query models**

- Build query models and then connect them to the report layout
- Edit an SQL statement to author custom queries
- Add filters and prompts to a report using the query models

### **Module 2: Create reports based on query relationships**

- Create reports by joining queries
- Combine data containers based on relationships from different queries

### **Module 3: Introduction to dimensional reporting concepts and dimensional data in reports**

- List and describe the data model types
- Describe the OLAP data structure and elements
- Differentiate between report authoring styles
- Use members to build reports
- Identify and use sets and tuples in reports Unit 4: Dimensional report context
- Understand report context
- Root members
- Default members
- Current members
- Default measures
- Current measures

### **Module 5: Focus your dimensional data**

- Understand how relational data sources behave
- Understand how dimensional data sources behave

- Create efficient queries
- Understand filtering techniques
- Use dimensional objects and functions
- Create slicers and prompts

### **Module 6: Calculations and dimensional functions**

- Understand the different types of dimensional functions within Cognos Analytics
- Create reports utilizing dimensional functions
- Use calculations within reports

### **Module 7: Create advanced dynamic reports**

- Filter reports on session parameter values
- Create dynamic headers and titles that reflect report data
- Create a customer invoice report

### **Module 8: Design effective prompts**

- Control report displays using prompts
- Specify conditional formatting values using prompts
- Create sorted and filtered reports based on prompt selection

### **Module 9: Examine the report specification and distribute reports**

- Work with the report specification
- Report specification flow
- Considerations when modifying a report specification
- Create custom toolbox and template objects
- Distribute reports using bursting
- Create burst keys
- Identify report recipients and data items using burst tables
- Distribute reports using email and the IBM Cognos Analytics portal

### **Module 10: Enhance user experience with HTML and Custom Controls**

- Create interactive reports by using HTML
- Include additional information with tooltips
- Send emails by using links in a report
- Understand custom controls
- AMD models
- Adding a custom control
- Using JavaScript files

### **Module 11: Advanced techniques**

- Understand advanced features
- Booklet and reference reports
- Table of contents
- Tabbed reports
- Classes and class extensions

- Global parameters
- Create a report binder

May 29 - 30, 2025 | 9:30 AM - 5:30 PM EST  
Jun 26 - 27, 2025 | 9:30 AM - 5:30 PM EST  
Jul 31 - Aug 1, 2025 | 9:30 AM - 5:30 PM EST  
Aug 28 - 29, 2025 | 9:30 AM - 5:30 PM EST  
Sep 25 - 26, 2025 | 9:30 AM - 5:30 PM EST  
Oct 23 - 24, 2025 | 9:30 AM - 5:30 PM EST  
Nov 20 - 21, 2025 | 9:30 AM - 5:30 PM EST  
Dec 18 - 19, 2025 | 9:30 AM - 5:30 PM EST

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ON-DEMAND

\$1,070 USD

## On-Demand Outline

### **Module 1: Create query models**

- Build query models and then connect them to the report layout
- Edit an SQL statement to author custom queries
- Add filters and prompts to a report using the query models

### **Module 2: Create reports based on query relationships**

- Create reports by joining queries
- Combine data containers based on relationships from different queries

### **Module 3: Introduction to dimensional reporting concepts and dimensional data in reports**

- List and describe the data model types
- Describe the OLAP data structure and elements
- Differentiate between report authoring styles
- Use members to build reports
- Identify and use sets and tuples in reports Unit 4: Dimensional report context
- Understand report context
- Root members
- Default members
- Current members
- Default measures
- Current measures

### **Module 5: Focus your dimensional data**

- Understand how relational data sources behave
- Understand how dimensional data sources behave

- Create efficient queries
- Understand filtering techniques
- Use dimensional objects and functions
- Create slicers and prompts

### **Module 6: Calculations and dimensional functions**

- Understand the different types of dimensional functions within Cognos Analytics
- Create reports utilizing dimensional functions
- Use calculations within reports

### **Module 7: Create advanced dynamic reports**

- Filter reports on session parameter values
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PRIVATE GROUP TRAINING

2 Day

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