

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

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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
- 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

Feb 26 - 27, 2026 | 9:30 AM - 5:30 PM EST

Mar 26 - 27, 2026 | 9:30 AM - 5:30 PM EDT

Apr 23 - 24, 2026 | 9:30 AM - 5:30 PM EDT

May 21 - 22, 2026 | 9:30 AM - 5:30 PM EDT

Jun 25 - 26, 2026 | 9:30 AM - 5:30 PM EDT

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ON-DEMAND

\$1,070 USD

On-Demand Outline

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PRIVATE GROUP TRAINING

2 Day

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