IBM COGNOS ANALYTICS: AUTHOR REPORTS ADVANCED (V11.1.X)

Course Code: 100297

Learn advanced report building techniques.

This course teaches you advanced report building techniques using relational data models, dimensional data, and ways of enhancing, customizing, managing, and distributing professional reports. The course builds on topics presented in the Cognos Fundamentals course. Hands-on activities will illustrate and reinforce key concepts and skills.

What You'll Learn

- How to create query models and reports based on query relationships
- Dimensional reporting concepts
- Dimensional data in reports and report context
- How to focus your dimensional data
- Calculations and dimensional functions
- Creating advanced dynamic reports
- Designing effective prompts
- Examining the report specification
- Distributing reports
- Enhancing user interaction with HTML
- An introduction to IBM Cognos Active Reports
- Active Report charts and decks

While class exercises are performed within a Cognos Analytics v11.1 environment, our expert instructors can provide guidance on previous Cognos versions and their differences.

Who Needs to Attend

Report Authors and Business Analysts

Prerequisites

You should have:

- Prior experience using IBM Cognos Analytics

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

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CLASSROOM LIVE	$1,900 USD	2 Day

Classroom Live Outline

Create query models

- Build a query and connect it to a report
- Answer a business question by referencing data in a separate query

Create reports based on query relationships

- Create join relationships between queries
- Combine data containers based on relationships from different queries
- Create a report comparing the percentage of change

Introduction to dimensional reporting concepts

- Examine data sources and model types
- Describe the dimensional approach to queries
- Apply report authoring styles

Introduction to dimensional data in reports

- Use members to create reports
- Identify sets and tuples in reports
- Use query calculations and set definitions

Dimensional report context

- Examine dimensional report members
- Examine dimensional report measures

- Use the default measure to create a summarized column in a report

Focus your dimensional data
- Focus your report by excluding members of a defined set
- Compare the use of the filter function to a detail filter
- Filter dimensional data using slicers

Calculations and dimensional functions
- Examine dimensional functions
- Show totals and exclude members
- Create a percent of base calculation

Create advanced dynamic reports
- Use query macros
- Control report output using a query macro
- Create a dynamic growth report
- Create a report that displays summary data before detailed data and uses singletons to summarize information

Design effective prompts
- Create a prompt that allows users to select conditional formatting values
- Create a prompt that provides users a choice between different filters
- Create a prompt to let users choose a column sort order
- Create a prompt to let users select a display type

Examine the report specification
- Examine report specification flow
- Identify considerations when modifying report specifications
- Customize reporting objects

Distribute reports
- Burst a report to email recipients by using a data item
- Burst a list report to the IBM Cognos Analytics portal by using a burst table
- Burst a crosstab report to the IBM Cognos Analytics portal by using a burst table and a master detail relationship

Enhance user interaction with HTML
- Create interactive reports using HTML

- Include additional information with tooltips
- Send emails using links in a report

Introduction to IBM Cognos Active Reports
- Examine Active Report controls and variables
- Create a simple Active Report using Static and Data-driven controls
- Change filtering and selection behavior in a report
- Create interaction between multiple controls and variables

Active Report charts and decks
- Create an Active Report with a Deck
- Create an Active Report with 11.0 visualizations

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VIRTUAL CLASSROOM LIVE	$1,900 USD	2 Day

Virtual Classroom Live Outline

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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

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PRIVATE GROUP TRAINING	2 Day

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