

B6158G: IBM Cognos Analytics: Author Reports Fundamentals v11.0.x

Course Code: B6158G

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

This offering provides Business and Professional Authors with an introduction to report building techniques using relational data models. Techniques to enhance, customize, and manage professional reports will be explored. Activities will illustrate and reinforce key concepts during this learning opportunity.

SKILLS COVERED

After completing this course, you should be able to:

- What is IBM Cognos Analytics Reporting
- Examine dimensionally modelled and dimensional data sources
- Examine personal data sources and data modules
- Examine List reports
- Aggregate measure/fact data
- Use shared dimensions to create multi-fact queries
- Add repeated information to reports
- Create crosstab reports
- Create complex crosstab reports
- Format, sort, and aggregate data in a crosstab report
- Create discontinuous crosstab reports
- Create Visualization reports
- Add business logic to reports using IBM Cognos Analytics Reporting
- Focus reports using filters
- Focus reports using prompts
- Augment reports using calculations

- Extend report functionality in IBM Cognos Analytics - Reporting
- Customize reports with conditional formatting
- Conditionally format one crosstab measure based on another
- Drill-through definitions
- Enhance the report layout
- Use additional report building techniques

WHO SHOULD ATTEND?

Report Authors

PREREQUISITES

- Knowledge of your business requirements
- IBM Cognos Analytics for Consumers (v11.0) WBT or equivalent knowledge

MODULES

Module 1: What is IBM Cognos Analytics - Reporting?

- Create a simple list report
- Create a report from a dimensionally modeled relational data source

Module 2: Examine Personal Data Sources and Data Modules

- Upload personal data
- Upload custom images
- Use navigation paths
- Create a report from a personal data source

Module 3: Examine List Reports

- Group data in a list
- Format columns in a list
- Include headers and footers in a list
- Enhance a list report

Module 4: Aggregate Measure/Fact Data

- Identify differences in aggregation
- Explore data aggregation

Module 5: Use Shared Dimensions to Create Multi-Fact Queries

- Create a multi-fact query in a list report

Module 6: Add Repeated Information to Reports

- Create a mailing list report

Module 7: Create Crosstab Reports

- Add measures to a crosstab
- Data sources for a crosstab
- Create a simple crosstab report

Module 8: Create Complex Crosstab Reports

- Add items as peers
- Create crosstab nodes and crosstab members
- Create a complex crosstab report

Module 9: Format, Sort, and Aggregate Data in a Crosstab

- Sort, format, and aggregate a crosstab report

Module 10: Create Discontinuous Crosstab Reports

- Present unrelated items using a discontinuous crosstab

Module 11: Create a Visualization Report

- Create and format a visualization report
- Create a report that uses a Map visualization
- Show the same data graphically and numerically

Module 12: Focus Reports Using Filters

- Apply filters to a report
- Apply a detail filter on fact data in a report
- Apply a summary filter to a report

Module 13: Focus Reports Using Prompts

- Create a prompt by adding a parameter
- Add a value prompt to a report
- Add a Select & search prompt to a report
- Create a cascading prompt

Module 14: Augment Reports Using Calculations

- Add calculations to a report
- Display prompt selections in the report title

Module 15: Focus Reports Using Prompts

- Create a prompt by adding a parameter
- Add a value prompt to a report
- Add a Select & search prompt to a report
- Create a cascading prompt

Module 16: Augment Reports using Calculations

- Add calculations to a report
- Display prompt selections in the report title

Module 17: Customize Reports with Conditional Formatting

- Create a multilingual report
- Highlight exceptional data and conditionally render a column

Module 18: Drill-through Definitions

- Let users navigate to related data in IBM Cognos Analytics

Module 19: Enhance report layout

- Create a report structured on data items
- Create a condensed list report

Module 20: Use Additional Report Building Techniques

- Section a report and reuse objects within the same report
- Reuse layout components in a different report
- Explore options for reports that contain no data

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