

IBM COGNOS 11 AUTHOR REPORTS

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Duration : 5 days

Prerequisites

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

Topics

What is IBM Cognos Analytics - Reporting?

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

Examine personal data sources and data modules

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

Examine list reports

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

Aggregate measure/fact data

- Identify differences in aggregation
- Explore data aggregation

Use shared dimensions to create multi-fact queries

- Create a multi-fact query in a list report

Add repeated information to reports

- Create a mailing list report

Create crosstab reports

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

Create complex crosstab reports

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

Format, sort, and aggregate data in a crosstab

- Sort, format, and aggregate a crosstab report

Create discontinuous crosstab reports

- Present unrelated items using a discontinuous crosstab

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

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

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

Augment reports using calculations

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

Customize reports with conditional formatting

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

Drill-through definitions

- Let users navigate to related data in IBM Cognos Analytics

Enhance report layout

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

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

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 Data deck
- Use Master detail relationships with Decks
- Optimize Active Reports

- Create an Active Report with new visualizations