

# B5A59 IBM Cognos Report Studio - Author Professional Reports Advanced (V10.2.2)

## Course Overview

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This is a 2-day class

This course is designed for professional report authors to learn advanced report building techniques using mostly relational data models, and ways of enhancing, customizing, and managing professional reports.

## Who Should Attend

This advance course is for Professional Report Authors.

## Course Outline

### 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 model

### 2 Create Query Reports Based on Relationships

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

### 3 Create Advanced Dynamic Reports

- Filter reports on session parameter values
- Navigate a briefing book using a table of contents
- Create dynamic headers and title that reflect report data
- Let users navigate to specific locations in reports
- Create a customer invoice report

### 4 Design Effective Prompts

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

### 5 Create Additional Advanced Reports

- Create a report that displays summarized data before detailed data
- Highlight alternate rows in a list report
- Create a report using an external data file
- Use single data items to summarize report information



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## 6 Examine the Report Speculation

Examine the report specification structure  
Modify a report specification  
Add custom toolbox objects and custom template options

## 7 Distribute Reports Through Bursting

Distribute reports using bursting  
Create burst keys  
Identify report recipients and data items using burst tables  
Distribute reports using email and IBM Cognos Connection

## 8 Enhance User Interaction with HTML

Create tooltips that clarify report data  
Send emails using links in a report

## 9 End-to-End Workshop

Various managers have requested that you create reports to answer business questions pertaining to their areas of interest

## 10 Explore the Prompt API

Describe the Prompt API  
Describe the uses of the Prompt API  
Describe the primary objects, methods and properties used in the Prompt API  
Review prompt values  
Explore the enhancement of prompts in reports with the Prompt API