



## TRAINING OFFERING

---

**You can reach us at:**

Arrow ECS, Nidderdale House, Beckwith Knowle, Harrogate, HG3 1SA

Email: [educationteam.ecs.uk@arrow.com](mailto:educationteam.ecs.uk@arrow.com)

Phone: 0870 251 1000



# IBM Cognos Analytics: Author Reports Advanced (v11.0.x)

CODE:	LENGTH:	PRICE:
ZL1_B6159	16 Hours (2 days)	€1,560.00

## Description

This offering teaches Professional Report Authors about 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 Fundamentals course. Activities will illustrate and reinforce key concepts during this learning activity.

## Objectives

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

## Audience

Report Authors

## Prerequisites

• Knowledge of your business requirements • IBM Cognos Analytics for Consumers (v11.0) WBT or equivalent knowledge • IBM Cognos Analytics: Author Reports Fundamentals (v11.0.x) or equivalent knowledge

## Programme

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

## Session Dates

On request. Please [Contact Us](#)

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)