

**Class Name:** *Intermediate IBM Cognos Report Authoring (C11.x)*  
**Level:** Intermediate  
**Duration:** 2.0 days  
**Audience:** Line of Business users and BI Professionals  
**PreReqs:** Introduction to Cognos or equivalent experience  
**Description:** Building reports with multiple and/or interacting queries to answer more complex business questions Each module concludes with a bullet-point summary quick reference, extensive hands on exercises, and a multi-choice and fill-in-the-blank skills test

**Outline:** Module Description Time in Hours

**DAY 1**

- Understanding Cognos Queries 1.25
  - Building Queries in the Query Explorer
  - Save, modify, and use XML of report specifications
  - View and understand Native and Cognos SQL
  - Use custom SQL in a report
- Creating Drill-Through (DT) Reports 1.50
  - Create a report-to-report DT
  - Create a recursive report DT
  - Understand Drill-Through applications and uses
- Master-Detail (MD) Reports 2.25
  - Purpose and Features
  - Create a Crosstab MD
  - Create a Chart MD
  - Advanced techniques
- Using Complex Queries 2.25
  - Union Queries
  - Join Queries
  - Intersect Queries
  - Except Queries
- Singletons .75
  - Add singletons to a report
- Approximate Total Time 8.00 hrs

**DAY 2**

- Report Building Techniques 1.50
  - Add additional pages to reports
  - Create tabs instead of page-down for multi page reports
  - Merge multiple reports into a single report with Report Booklets
  - Create a Table of Contents Report (optional)
- Utilize System Parameters from LDAP into Queries 1.00
  - Overview of Parameters
  - Parameter techniques in reports

• Advanced Prompts	3.25
- Hard Coding Custom Value Prompts	
- Adding query filters to affect prompt choices	
- Paste in specific prompt values	
- Assign specific data ranges to prompts	
- Use LDAP Parameters for filtering	
- Use prompts to dynamically render columns or data containers	
- Build reports using multiple prompt pages	
• Utilizing HTML in Reports	1.25
- Understanding essential HTML coding	
- Insert HTML TAGS into a report	
- Combine HTML with Data Items in Expressions	
- Use JavaScript in a report	
• Distribute Data with Bursting	1.00
- Bursting Overview	
- Burst table design and use in the Package	
- Essential steps of the bursting environment	
- Create a report with bursting enabled	
- Options for bursted report distribution	
 Approximate Total Time	 8.00 hrs
 <b>Total Course Time</b>	 <b>16.00 hrs</b>