

## Training: Course Brochure



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## Education & Skills Transfer: Course Brochure

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### **IBM Cognos Business Intelligence**

#### **Series 7**

##### **Impromptu Administrator**

This Course is designed for those who will be involved in the Administrative Development, support and maintenance of Impromptu. It will provide you with IBM Cognos 7.4 BI Impromptu administration capability, which will enable you to effectively plan, develop, deploy effective Impromptu reports within your organization. The course builds a catalog from scratch using a data source. You will review the role of Impromptu within your environment and be able to identify when it is the correct tool to deploy.

##### **Powerplay Client**

This instructor-led course teaches business analysts to navigate and analyse data in Powerplay Client. Through a combination of lectures and hands-on workshops, attendees will discover trends, identify opportunities, and learn how to make better business decisions. Participants will learn techniques such as drill-down and up, filtering, nesting, ranking and sorting and graphing to help them analyse large volumes of data. Attendees will participate in hands-on demos and workshops that illustrate key concepts while learning how to use the product.

##### **Cognos 8**

##### **Cognos 8 Administration**

This course is designed for those who will be involved in the administration of IBM Cognos 8 BI. It starts with an overview of the environment and moves on to securing the environment using authentication and setting access permissions for end users. Students will learn how to create data sources and understand how to use deployments as part of backup and migration strategies. They will also understand how they can manage the overall system identifying usage and potential problem areas. Logging and its use is fully explored from understanding how to use the logging viewer and running the audit reports, to seeing how the system is being used and by whom. The course ends with an optional module on Transformer 8, used to publish cubes automatically.

##### **Transformer/OLAP Modelling**

This course is designed for those who will be involved in the administrative development, support and maintenance of cubes. It also covers how to publish cubes as a package in the Cognos 8 environment. It will provide you with Cognos 8 BI Transformer administration capability, which will enable you to effectively plan, develop, deploy and support cube applications within your organisation. The course builds a cube from scratch using Cognos 8 reports as data sources. We show you how publish cubes to your Cognos 8 environment and use our best practice methods when scheduling cube builds.

##### **Framework Manager**

This instructor-led series of workshops teaches the key points of modelling your data in Framework Manager. In this intensive day through hands-on workshops, attendees will learn how to use best practice when building packages over star-schema data. Starting with the basics of navigating your way around Framework Manager it moves on to show how to model your data relationally and dimensionally. The latter workshops cover differing ways of handling security in your packages.

##### **Query Studio**

This course will provide participants with a thorough understanding of the functionality available in IBM Cognos 8 Query Studio. This instructor-led course show participants how to create, modify and organise ad-hoc reports. The course covers how to use different report capabilities, how to graphically display the data and how to create reports with a consistent look and feel through the use of templates. There will be extensive hands on experience with each delegate building their own reports and learning how to schedule the running of those reports automatically.



## Report Studio Fundamentals

This course will provide participants with a fundamental understanding of the functionality available in IBM Cognos 8 Report Studio. This instructor-led course shows participants report building techniques using relational data models, and ways of enhancing, customizing, and managing professional reports. Attendees will participate in hands-on demos and workshops that illustrate key concepts while learning how to use the product. Topics covered include: Building simple reports using Report Studio, reporting on specific data using filters, linking reports together, adding user interactivity by adding prompts and designing sophisticated reports using adaptive layouts.

## Report Studio Advanced

Building on the techniques explored on the fundamentals course, this course will provide participants with an advanced understanding of the functionality available in IBM Cognos 8 Report Studio. The course shows participants report building techniques using relational data models, and ways of enhancing, customizing, and managing professional reports. Attendees will participate in hands-on demos and workshops that illustrate key concepts, whilst learning how to use the product. Topics covered include: Re-using a report object, adding prompts to a report page, investigating queries, combining two related reports into one, displaying separate report pages for different query items, creating customised data items using calculations, customising reports with conditional formatting, understanding and modifying the query models that underly reports created in Report Studio and discussing the best practices for report design.

## Analysis Studio

This instructor-led course teaches business analysts to navigate and analyse data in Analysis Studio. Through a combination of lectures and hands-on workshops, attendees will discover trends, identify opportunities, and learn how to make better business decisions. Participants will learn techniques such as ranking, filtering, asymmetrical crosstabs, and graphing to help them analyse large volumes of data (whether OLAP or dimensionally modelled relational metadata). They will also learn to manage reports through Cognos Connection. Attendees will participate in hands-on demos and workshops that illustrate key concepts while learning how to use the product.

## IBM Cognos 8 Enterprise Planning

### Contributor End User

The course will provide participants with a thorough understanding of the end user functionality available in the product IBM Cognos Contributor. Each course will be extensively tailored to your requirements, focusing on areas which are particularly relevant to your organisation. You will gain knowledge on how to edit data, manipulate data, annotate, submit and reject budgets as well as how to export data to excel and refresh data in excel templates. Course documentation will be produced that is specific to your application. The first part of the documentation contains details of the user interface functionality. The second part contains information on each of the tabs available in your application; this comprises the purpose of the tab, the data flow and modifications expected by the end user. A pdf version of the document will be left with you, in order that you can then train any new contributor users.

### Contributor Developer

The course will provide participants with a thorough understanding of the functionality available in the product IBM Cognos Contributor. Each course will be tailored to your requirements, focusing on areas which are particularly relevant to your organisation. You will gain knowledge on how to design, deploy and maintain a Contributor model. This will include how to import data, maintain the workflow, automate processes, and troubleshoot issues. There will be extensive hands on experience with each delegate creating and configuring a Contributor application based on the case study model built during the analyst course. This course also covers the content from the course IBM Cognos Contributor End User Training using the case study model.

## Analyst

The course will provide participants with a thorough understanding of the functionality available in the products IBM Cognos Analyst and IBM Cognos Manager. Each course will be tailored to your requirements, focusing on areas which are particularly relevant to your organisation. You will gain knowledge on how to build a model, import data, automate processes, build manager screens, troubleshoot issues and use the Add-In for Excel. There will be extensive hands on experience with each delegate building a profit and loss model; comprising sales margin analysis, payroll and rolling forecasts.

## Data Warehousing

### Data Warehousing Concepts

This workshop will introduce participants to the terms and techniques that are used in the design of a Data Mart or Data Warehouse, which will support complex management reporting requirements. The purpose of this workshop is to take participants with little to no background in Data Warehousing to a functional understanding of the business objectives and technical challenges that are involved in designing and building a Data Warehouse.

Course	Days	Cost*
<b>IBM Cognos Business Intelligence</b>		
Impromptu Administrator	1	£1,300
Powerplay Client	1	£1,300
Cognos 8 Administration	1	£1,300
Transformer/OLAP Modelling	2	£2,600
Report Studio Fundamentals	1	£1,300
Report Studio Advanced	1	£1,300
Query Studio	1	£1,300
Framework Manager	1	£1,300
Analysis Studio	1	£1,300
<b>IBM Cognos Enterprise Planning</b>		
Contributor End User	1.5	£1,950
Contributor Developer	2	£2,600
Analyst	2	£2,600
<b>Data Warehousing</b>		
Data Warehousing Concepts	1	£1,300

\*Cost is for a maximum of 6 delegates with preconfigured laptops and manuals.



### Contact us

Should you have any questions or require any further information, the team at Simpson Associates will be happy to help you with your request.

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