



# IBM Cognos 8 Cube Building

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+44 (0) 1937 586 880

Simpson  
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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.

## Course content

- 1. Overview: The basic components**
  - Review the terminology that surrounds 'Business Intelligence' (BI)
  - Identify BI application components
  - Review the relationship between the various components
  - Identify the key components for this course
  - Have a first look at Transformer
- 2. OLAP cubes**
  - Review the terminology
  - Describe the content and use of cubes
  - Explain how cubes are built
- 3. The project life cycle**
  - Review project lifecycle
  - Review documentation
  - Design training cube
- 4. Data sources**
  - Create data source files (Report Studio reports) for data mapping document
  - Review best practice for data sources
  - Review data sources in models
- 5. Transformer data sources**
  - Quickly build a cube using Transformer
  - Review the data source options within Transformer
- 6. Transformer dimensions and levels**
  - Build up dimensions and levels
  - Use the date wizard
  - Dates in using a financial calendar
- 6. Transformer dimensions and levels (continued)**
  - Show the category count
  - Review the category diagram
  - Create alternate drill downs
  - Special categories
  - Diagrams
- 7. Transformer measures**
  - Create measures
  - Create category counts
- 8. Transformer cubes**
  - Build multiple cubes in cube groups
  - Compress the cube at build time
  - Omit measures and dimensions
- 9. Deployment and security**
  - Publish a cube to Cognos 8 as a data source and a package
  - Automatically schedule cube builds
  - Include security in cube build
- 10. Troubleshooting and support**
  - Optimize the environment
  - Optimize cube build time
  - Optimize cube performance
- 11. Troubleshooting exercise**
  - Practice the use of Cognos 8 Transformer troubleshooting techniques
- 12. Currency Conversion**
  - Specifying conversion details in a built-in currency table

Performance is a journey ...where do you want to go?

## Who should attend ?

This is an intermediate course which is intended for developers who want to design and publish Powerplay cubes in the Cognos 8 environment.

## Prerequisites

Knowledge of common industry standard data structures and design.

## Duration

Two days.

## Type

Class room.

## Related courses

- Cognos 8 Report Studio Fundamentals
- Cognos 8 Report Studio Advanced
- Cognos 8 Query Studio
- Cognos 8 Analysis Studio
- Cognos 8 Framework Manager Workshop

## Contact

For further information contact:

m | +44 (0) 1937 586 880

e | [info@simassoc.co.uk](mailto:info@simassoc.co.uk)

w | [www.simpson-associates.co.uk/training](http://www.simpson-associates.co.uk/training)

