# B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0)

**Category:** AI, Data & Analytics | **Vendor:** IBM

**Duration:** 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

Participants will learn the full scope of the metadata modeling process, from initial project creation, to publishing a dynamic cube, and enabling end users to easily author reports and analyze data.

## About This Course

Participants will learn the full scope of the metadata modeling process, from initial project creation, to publishing a dynamic cube, and enabling end users to easily author reports and analyze data.

## Who Should Attend

Data Modelers

# Detailed Course Outline

## Introduction to IBM Cognos Dynamic Cubes

- Define and differentiate Dynamic Cubes
- Dynamic Cubes characteristics
- Examine Dynamic Cube requirements
- Examine Dynamic Cube components
- Examine high level architecture
- IBM Cognos Dynamic Query
- Review Dimensional Data Structures
- Dynamic Cubes caching
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## Create & Design a Dynamic Cube

- Explore the IBM Cognos Cube Designer
- Review the cube development process
- Examine the Automatic Cube Generation
- Manual development overview
- Create dimensions
- Model the cube
- Best practice for effective modeling

## Deploy & Configure a Dynamic Cube

- Deploy a cube
- Explore the Estimate Hardware Requirements
- Identify cube management tasks
- Examine Query Service administration
- Explore Dynamic Cube properties
- Schedule cube actions
- Use the DCAdmin comment line tool

## Advanced Dynamic Cube Modelling

- Examine advanced modeling concepts
- Explore modeling caveats
- Calculated measures and members
- Model Relative Time
- Explore the Current Period property
- Define period aggregation rules for measures

## Advanced Features of Cube Designer

- Examine multilingual support
- Examine ragged hierarchies and padding members
- Define Parent-Child Dimensions
- Refresh Metadata
- Import Framework Manager packages
- Filter measures and dimensions

## Optimize Performance with Aggregates

- Identify aggregates and aggregate tables
- In-memory aggregates
- Use Aggregate Advisor to identify aggregates
- User defined in-memory aggregates
- Optimize In-Memory Aggregates automatically
- Aggregate Advisor recommendations
- Monitor Dynamic Cube performance
- Model aggregates (automatically vs manually)
- Use Slicers to define aggregation partitions

## Define Security

- Overview of Dynamic Cube security
- Identify security filters
- The Security process - Three steps
- Examine security scope
- Identify scope rules
- Identify roles
- Capabilities and access permissions
- Cube security deep dive

### Model a Virtual Cube

- Explore virtual cubes
- Create the virtual cube
- Explore virtual cube objects
- Examine virtual measures and calculated members
- Currency conversion using virtual cubes
- Security on virtual cubes

### Introduction to IBM Cognos Analytics

- Define IBM Cognos Analytics
- Redefined Business Intelligence
- Self-service
- Navigate to content in IBM Cognos Analytics
- Interact with the user interface
- Model data with IBM Cognos Analytics
- IBM Cognos Analytics components
- Create reports
- Perform self-service with analysis and Dashboards
- IBM Cognos Analytics architecture (high level)
- IBM Cognos Analytics security
- Package / data source relationship
- Create Data modules
- Upload files

# Additional Course Details

Nexus Humans B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

### Q: What delivery options are available for B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

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### Q: How many CPD hours does this course provide?

The 2-day B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

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### Q: Do you provide corporate training for B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0)?

Yes, we provide corporate training, dedicated training, and closed classes for B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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### Q: Why choose Nexus Human for B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your B6063 IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


## Nexus Human

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