

# IBM Cognos Framework Manager: Design Metadata Models (v11.1.x) (B6252G)

**ID** B6252G **Price** 3,060.— €(excl. tax) **Duration** 4 days

## Who should attend

Data Modelers

## Prerequisites

- Knowledge of common industry-standard data structures and design
- Experience with SQL
- Experience gathering requirements and analyzing data
- IBM Cognos Analytics: Author Reports Fundamentals (v11.1.x) (recommended)

## Course Objectives

This offering provides participants with introductory to advanced knowledge of metadata modeling concepts, and how to model metadata for predictable reporting and analysis results using IBM Cognos Framework Manager. Participants will learn the full scope of the metadata modeling process, from initial project creation, to publishing of metadata to the web, enabling end users to easily author reports and analyze data.

## Course Content

This offering provides participants with introductory to advanced knowledge of metadata modeling concepts, and how to model metadata for predictable reporting and analysis results using IBM Cognos Framework Manager. Participants will learn the full scope of the metadata modeling process, from initial project creation, to publishing of metadata to the web, enabling end users to easily author reports and analyze data.

## Detailed Course Outline

Introduction to IBM Cognos Framework Manager• Model data and identifying related data• Define requirements and modeling

strategies• Overview of IBM Cognos Framework Manager• Create a baseline project• Extend a model• Prepare reusable metadataModel for predictable results in IBM Cognos Framework Manager• Identify query issues• Identify reporting traps• Model virtual star schemas• Use query subjects, modify relationships, and consolidate metadata using virtual objects• Create calculations, filter data, and customize metadata for runtime• Implement a time dimension and specify determinantsModel for presentation in IBM Cognos Framework Manager• Create a presentation view• Examine data source query subject types and stored procedure query subject types• Specify data security and package security• Specify object security and dynamic data security• Create analysis objects• Manage OLAP data sourcesAdvanced capabilities in IBM Cognos Framework Manager• Explore SQL generation and the use of governors• Examine the use of IBM Cognos SQL and generated SQL for DMR data• Other query considerations• Use session parameters, prompt macros, and security macro functions• Use materialized views, minimize SQL, and enable Dynamic Query Mode (DQM)• DQM, CQM, caching metadata, query processing, aggregate calculation, and other ways to improve performanceExtended capabilities in IBM Cognos Framework Manager• Perform basic maintenance and management on a model• Remap metadata to another source and import and link additional data sources• Run scripts to automate or update a model and report on a model• Segment a project, link a project, and branch a model• Nest packages and specify package languages and functions• Explore additional modeling techniques and customize metadata for a multilingual audience

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

## Fast Lane Services

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs
- ✓ Event Management Services

## Training Methods

- ✓ Classroom Training
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Classroom & Online Hybrid
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning

## Technologies & Solutions

- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



**Worldwide Presence**  
with high-end training centers  
around the globe



**Multiple Awards**  
from vendors such as AWS,  
Microsoft, Cisco, Google, NetApp,  
VMware



**Experienced SMEs**  
with over 19.000 combined  
certifications

### Germany

**Fast Lane Institute for Knowledge  
Transfer GmbH**  
Tel. +49 40 25334610  
[info@flane.de](mailto:info@flane.de) / [www.flane.de](http://www.flane.de)

### Austria

**ITLS GmbH**  
(Partner of Fast Lane)  
Tel. +43 1 6000 8800  
[info@itls.at](mailto:info@itls.at) / [www.itls.at](http://www.itls.at)

### Switzerland

**Fast Lane Institute for Knowledge  
Transfer (Switzerland) AG**  
Tel. +41 44 8325080  
[info@flane.ch](mailto:info@flane.ch) / [www.flane.ch](http://www.flane.ch)