



IBM TRAINING

Ibm Cognos Analytics Create Data Modules V11

Learn to create powerful data modules in IBM Cognos Analytics V11. Design and manage robust data sources for effective reporting.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level IBM Cognos Analytics Create Data Modules V11 course at Computer Pride is meticulously designed for data modelers, BI developers, and power users seeking to master the art of creating robust and flexible data modules within the IBM Cognos Analytics V11 platform. Participants will delve into the core functionalities of data modules, a key component for self-service analytics, learning how to connect to diverse data sources, build sophisticated relational and dimensional data models, and implement data governance best practices. The course emphasizes practical skills in data preparation, defining relationships, creating calculations, and applying filters to ensure data accuracy and relevance for reporting and dashboarding.

By completing this course, professionals will gain the expertise to empower business users with trusted, easily consumable data. You will learn to transform raw data into insightful, business-ready packages, significantly enhancing an organization's analytical capabilities. This enables faster, more accurate decision-making and fosters a self-service BI environment, driving efficiency and competitive advantage. The ability to proficiently design and manage data modules is crucial for any organization leveraging Cognos Analytics for its business intelligence needs, positioning you as an indispensable asset in data-driven environments.

Level	Intermediate
Vendor	IBM

COURSE CURRICULUM

01 Module 1: Introduction to Data Modules in Cognos Analytics V11

- Understanding the role of data modules in Cognos Analytics
- Comparing data modules with Framework Manager packages
- Exploring the Cognos Analytics V11 interface for data modeling
- Overview of data module components and architecture

02 Module 2: Connecting to Data Sources

- Establishing connections to various data sources (databases, uploaded files, data servers)
- Working with different data types and data source properties
- Understanding data source security and access control

03 Module 3: Building Relational Data Modules

- Importing tables and views into a data module
- Defining relationships between tables and setting cardinality
- Creating custom tables and columns
- Applying filters and security filters at the data module level
- Creating calculations and custom expressions

04 Module 4: Enhancing and Refining Data Modules

- Creating navigation paths for guided exploration
- Implementing data groups and hierarchies
- Working with data sets and data caches
- Documenting and validating data modules

05 Module 5: Leveraging Dimensional Concepts

- Understanding dimensional modeling principles in data modules

- Creating dimensions and hierarchies
- Defining measures and facts
- Applying time intelligence functions

06 Module 6: Managing and Deploying Data Modules

- Versioning and promoting data modules
- Sharing and securing data modules
- Troubleshooting common data module issues
- Best practices for data module design and maintenance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Cognos Analytics Data Modeler**
- > **Business Intelligence Developer (IBM Cognos Focus)**
- > **Enterprise Data Architect (with Cognos Specialization)**

FREQUENTLY ASKED QUESTIONS

Q: What specific prerequisites are recommended before enrolling in the "IBM Cognos Analytics Create Data Modules V11" course?

While there are no strict technical prerequisites, participants should have a foundational understanding of relational database concepts, SQL, and general business intelligence principles. Familiarity with navigating the IBM Cognos Analytics V11 environment as a consumer of reports or dashboards would also be highly beneficial for maximizing the learning experience.

Q: How does mastering data module creation in Cognos Analytics V11 impact my ability to support self-service analytics within an organization?

By mastering data module creation, you become instrumental in empowering business users. You will learn to transform complex, disparate data into intuitive, governed, and easy-to-use data models. This significantly reduces reliance on IT for ad-hoc reporting requests, allows users to explore data independently with confidence, and accelerates the overall data-to-insight cycle for critical business decisions.

Q: Can I integrate data from various sources, including cloud platforms and local files, when creating data modules in Cognos Analytics V11 after completing this course?

Absolutely. A core component of this course is learning to connect to and integrate data from a wide array of sources. You will gain hands-on experience in connecting to traditional relational databases, flat files, uploaded files, and understand the mechanisms for integrating data from cloud-based platforms, enabling you to build comprehensive data modules that reflect your organization's diverse data landscape.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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