

Frequently Asked Questions

Course Title: Data Modeling for Business Analysts

Course #: 6308

Duration: 2 days

Delivery Method: Instructor-led live classroom

1. What business or organizational need does this course address?

Data modeling is a classic method of designing systems that describes the static structural view of the system under development. The principles of data modeling have been carried forward into class and object modeling in the object-oriented world. Business analysts use data modeling to understand the interconnections of data in the applications and solutions they propose. While they may not actually create data models, a job relegated to the data analysts or database administrators, the business analyst needs to be able to read and understand the basic data modeling diagrams to confirm and validate the findings. This course introduces the concepts of data modeling that can be applied to any system under development regardless of the database system or development methodology.

2. Who should attend?

This course is intended for intermediate-level program and project managers and business analysts.

3. What will I learn how to do in this course?

- Apply the concepts of data: entities and relationships
- Use data modeling to analyze the business problem to produce a data-based solution and analyze solutions for validity and feasibility
- Relate the checks and balances of the data modeling metaphor to the problem solving process
- Use basic Structured Query Language (SQL) and relational database operations

4. What kinds of activities are included in this course?

Presentation, class exercises, and case studies

5. Are there prerequisites for this course?

Suggested:

- [Principles of Business Analysis](#)

6. Do I have to complete any prework for the course?

There is no prework required for this course.

7. Is this course applicable toward a professional certification?

No, this course is not applicable toward a professional certification. However, many Management Concepts courses do prepare you for professional certification programs. Click [here](#) to see a full list of professional certification programs that are supported by Management Concepts training courses.

8. Does this course count for credit toward a Management Concepts Certificate Program?

This is a core course in the following program(s):

- [Business Analysis and Requirements Management Master Track](#)

This is an elective course in the following program(s):

- [Agile Master Track](#)
- [Program Management Certificate Program](#)
- [Project Management Master Track](#)
- [Project Management Associate Track](#)
- [IT Project Management Associate Track](#)
- [IT Project Management Master Track](#)

9. What credits do I earn by completing this course?

The following credits are available for this course:

CEUs: 1.3

PDU: 14

CLPs: 16

CDUs: 14

10. What course(s) do you recommend after I complete this course?

- [Use Case Modeling for Business Analysts](#)