



Learning Guide Unit 1

Overview

Unit 1: Databases and the Relational Data Model

Topics:

- Databases
- DBMS (Database Management Systems)
- Information Models
- Roles for Database Professionals
- Overview of the Relational Data Model
- Data Model Constraints

Learning Objectives:

By the end of this Unit, you will be able to:

1. Describe the characteristics of databases and database management systems (DBMS).
2. Define the key information models.
3. Explore the various job roles for database professionals.
4. Develop relations within a relational data model and assess constraints based on real-world entities.

Tasks:

- Read through the Learning Guide and the Reading Assignment.
- Complete the Discussion Assignment by posting in the Discussion Forum.
- Respond to two of your fellow classmates' posts in the Discussion Forum.
- Take and submit the Self-Quiz.

