

Database Design

2-3: Entity Relationship Modeling and ERDs

Practice Activities

Objectives

- Define the meaning of implementation-free as it relates to data models and database design implementation
- List the four goals of entity relationship modeling
- Identify an entity relationship diagram (ERD)

Vocabulary

Identify the vocabulary word for each definition below.

	Not dependent on the physical model.
	A drawing that is used to represent a data model.

Try It / Solve It

1. True or False: To be described as implementation-free, a data model must be changed to accommodate the database system onto which it is built.
2. True or False: To be described as implementation-free, a data model must not change to accommodate the database system onto which it is built.
3. List four goals of entity relationship modeling.
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4. An _____ is a consistent tool that can be used to represent data requirements regardless of the type of database used.