

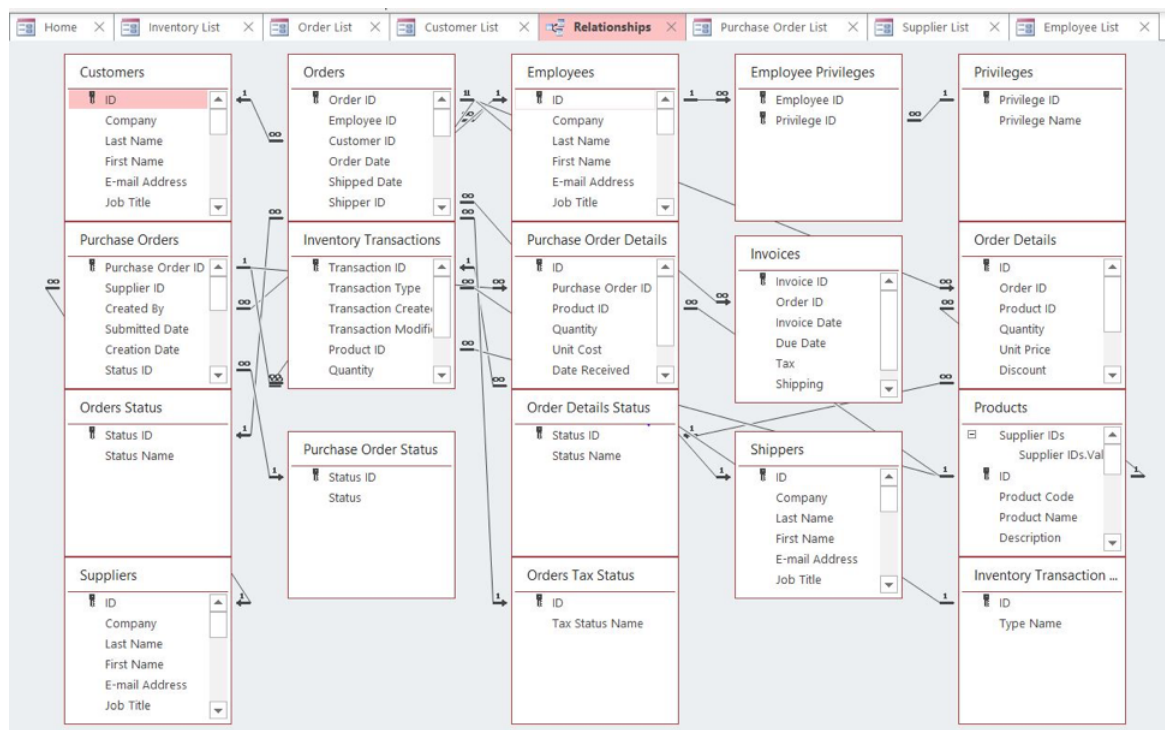
13.5: Types of Table Relationships

Learning Objectives

- Define one-to-one relationships
- Define one-to-many relationships
- Define many-to-many relationships

There are three types of relationships in Access between tables:

- One-to-one
- One-to-many
- Many-to-many



One-to-One Relationships

A one-to-one relationship means that a record in the first table can have one and only one record related to it in a second table. For example, a product listed in a products table would have only one country of origin record in a operations table.

Practice Question

<https://assessments.lumenlearning.co...essments/18763>

One-to-Many Relationships

One of the most common relationships between tables is the one-to-many relationship. In a one-to-many relationship, a record in the first table is related to multiple records in the second table. For example, an employee table could have relationships with a payroll table that contains multiple records of paychecks.

Practice Question

<https://assessments.lumenlearning.co...essments/18764>

Many-to-Many Relationships

Many-to-many relationships are defined as a record in the first table having multiple relationships in the second table and those records in the second table also having multiple relationships within the first table. For example, a streaming service would have TV series that are selected to view by multiple customers while each customer of the service would watch multiple TV series.

Practice Question

<https://assessments.lumenlearning.co...essments/18765>

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