

A decorative graphic on the left side of the slide, consisting of a network of light blue lines and small circles, resembling a circuit board or a data network, extending from the top and bottom edges towards the center.

MODIFYING DATA

INSERTING ROWS

- INSERT INTO
 - Use VALUES clause
 - Use SELECT statement
 - Insert from a query
- SELECT INTO
 - Creates a table and populates in one step

BE AWARE OF

- Auto-populate tables, like IDENTITY
- Default values, used if a value is not supplied
- Constraints
 - NULL
 - Primary key
 - Foreign key
 - Restrict values

UPDATE DATA

- ALWAYS use a WHERE clause – Write a SELECT statement first
- Can use a query, but only one table can be updated
- Can use TOP
- Can't violate
 - Auto-populating key
 - Foreign key
 - Other constraints

DELETE DATA

- ALWAYS use a WHERE clause – Write a SELECT statement first
- Can use a query, but only rows from one table involved may be deleted
- Can't violate FOREIGN KEY