

DELETE - Removing Data from a Table

The `DELETE` statement removes rows from a table.

Basic Syntax

```
DELETE FROM table_name  
WHERE condition;
```

Example: Delete One Row

```
DELETE FROM users  
WHERE id = 3;
```

Delete Multiple Rows

```
DELETE FROM users  
WHERE gender = 'Other';
```

Delete All Rows (but keep table structure)

```
DELETE FROM users;
```

Drop the Entire Table (use with caution)

```
DROP TABLE users;
```

This removes the table structure **and all data** permanently.

Best Practices

- Always use `WHERE` unless you're intentionally updating/deleting everything.
- Consider running a `SELECT` with the same `WHERE` clause first to confirm what will be affected:

```
SELECT * FROM users WHERE id = 3;
```

- Always back up important data before performing destructive operations.

Quick Quiz: Practice Your `DELETE` Skills

what will happen if you run these queries?

```
DELETE FROM users  
WHERE salary < 50000;
```

```
DELETE FROM users  
WHERE salary IS NULL;
```