

Created by Ahsan Arif

CREATE a table from another table

You can also create a table from an existing table by copying the existing table's columns.

It is important to note that when creating a table in this way, the new table will be populated with the records from the existing table (based on the SELECT Statement).

Syntax #1 - Copying all columns from another table

The basic syntax is:

```
CREATE TABLE new_table
AS (SELECT * FROM old_table);
```

For example:

```
CREATE TABLE suppliers
AS (SELECT *
FROM companies
WHERE id > 1000);
```

This would create a new table called **suppliers** that included all columns from the **companies** table.

If there were records in the **companies** table, then the new suppliers table would also contain the records selected by the SELECT statement.

Syntax #2 - Copying selected columns from another table

The basic syntax is:

```
CREATE TABLE new_table
AS (SELECT column_1, column2, ... column_n FROM old_table);
```

For example:

```
CREATE TABLE suppliers
AS (SELECT id, address, city, state, zip
FROM companies
WHERE id > 1000);
```

This would create a new table called **suppliers**, but the new table would only include the specified columns from the **companies** table.

Again, if there were records in the **companies** table, then the new suppliers table would also contain the records selected by the SELECT statement.

Syntax #3 - Copying selected columns from multiple tables

The basic syntax is:

```
CREATE TABLE new_table
  AS (SELECT column_1, column2, ... column_n
      FROM old_table_1, old_table_2, ... old_table_n);
```

For example:

```
CREATE TABLE suppliers
  AS (SELECT companies.id, companies.address, categories.cat_type
      FROM companies, categories
      WHERE companies.id = categories.id
      AND companies.id > 1000);
```

This would create a new table called **suppliers** based on columns from both the **companies** and **categories** tables.

Frequently Asked Questions

Question: How can I create a table from another table without copying any values from the old table?

Answer: To do this, the basic syntax is:

```
CREATE TABLE new_table
  AS (SELECT * FROM old_table WHERE 1=2);
```

For example:

```
CREATE TABLE suppliers
  AS (SELECT * FROM companies WHERE 1=2);
```

This would create a new table called **suppliers** that included all columns from the **companies** table, but no data from the **companies** table.