* 1. **Retrieving All Expenses**

SELECT \*

FROM myexpenses1\_cleaned;

* 1. **Specific Columns:**

SELECT date, Category, Amount

FROM myexpenses1\_cleaned;

* 1. **Filtering by Date Range**

SELECT \*

FROM myexpenses1\_cleaned

WHERE date BETWEEN '2023-01-01' AND '2023-03-08';

**Filtering with WHERE Clause (Filtering by Category)**

SELECT \*

FROM myexpenses1\_cleaned

WHERE Category = 'friend';

**Filtering with Comparison Operators**

SELECT \*

FROM myexpenses1\_cleaned

WHERE Amount >20;

**Combining Filters (AND)**

SELECT \*

FROM myexpenses1\_cleaned

WHERE Amount >20 AND Category = 'friend'

**Combining Filters (OR)**

SELECT \*

FROM myexpenses1\_cleaned

WHERE Category = 'friend' OR 'alone';

**Filtering with NOT**

SELECT \*

FROM myexpenses1\_cleaned

WHERE Category != 'friend'**;**

**Sorting Retrieved Data**

SELECT \*

FROM myexpenses1\_cleaned

ORDER BY Amount DESC;

**Sorting by Date and Category**

SELECT \*

FROM myexpenses1\_cleaned

ORDER BY Date DESC, Category ASC;

**Database Upgrade**

CREATE TABLE Income (

income\_id INT AUTO\_INCREMENT PRIMARY KEY,

Amount DECIMAL (10, 2) NOT NULL,

date DATE NOT NULL,

Source VARCHAR (50) NOT NULL

);

Use ALTER TABLE again to remove the "source" column from the "Income" table.

ALTER TABLE income

Drop Column source;

Experiment how to Use DROP TABLE to permanently remove it from your database.

DROP TABLE Income;