

SQL | Commit | Rollback | Auto | DBEaver Sample ... base (SQLite)

*DBEaver Sample Database (SQLite)> Script X

```

CREATE DATABASE walmartsales
USE walmartsales;
CREATE TABLE Sales(
Invoice_ID VARCHAR(30) NOT NULL PRIMARY KEY,
Branch VARCHAR(10),
City VARCHAR(10),
Customer_type VARCHAR(30),
Gender VARCHAR(30),
product_line VARCHAR(100),
unit_price DECIMAL(10),
quantity INT,
VAT FLOAT,
Total DECIMAL(12,4),
date DATETIME,
Time TIME,
Payment_cogs VARCHAR(15),
COGS DECIMAL(10,2),
gross_margin_pct FLOAT,
Gross_income DECIMAL(12,4),
Rating Float,
);

```

Proj... | Database Tasks - General X

Tasks: type a part of task name here

Name	Last Run (System time)	Last Result	Type	System time	Duration	Result

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SQL | Commit | Rollback | Auto | DBEaver Sample ... base (SQLite)

*DBEaver Sample Database (SQLite)> Script X

```

#1 How many unique cities does the data have?
SELECT distinct city from sales;

#2 In which city is each branch?
SELECT distinct city,branch from sales;

#3 How many unique product lines does the data have?
SELECT COUNT(DISTINCT product_line) FROM sales;
COUNT (product_line) AS CNT FROM sales
object selected
GROUP BY product_line

#4 what is the most selling product line?
SELECT product_line,
ORDER BY CNT DESC;

```

Proj... | Database Tasks - General X

Tasks: type a part of task name here

Name	Last Run (System time)	Last Result	Type	System time	Duration	Result

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SQL | Commit | Rollback | Auto | DBeaver Sample ... base (SQLite)

*<DBeaver Sample Database (SQLite)> Script X

Filter connections
DBeaver Sample

```

#5 What is the total revenue by month?
SELECT month_name AS MONTH, SUM(TOTAL) AS total_revenue
FROM sales
GROUP BY month_GetDetailsByBranchandProductname
ORDER BY total_revenue DESC;

#6 What is the total quantity sold for each product line?
SELECT product_line,
       SUM(quantity) AS total_quantity_sold
FROM sales
GROUP BY product_line
ORDER BY total_quantity_sold DESC;

#7 What is the average rating of products for each branch?
SELECT branch,
       AVG(Rating) AS average_rating
FROM sales
GROUP BY branch;

#8 What are the top 5 cities with the highest total revenue?
SELECT city,

```

Database Tasks - General X

Tasks: type a part of task name here

Name	Last Run (System time)	Last Result	Type	System time	Duration	Result

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SQL | Commit | Rollback | Auto | DBeaver Sample ... base (SQLite)

*<DBeaver Sample Database (SQLite)> Script X

Filter connections
DBeaver Sample

```

FROM sales
GROUP BY branch;

#8 What are the top 5 cities with the highest total revenue?
SELECT city,
       SUM(Total) AS total_revenue
FROM sales
GROUP BY city
ORDER BY total_revenue DESC
LIMIT 5;

#9 How many sales were made to each customer type?
SELECT Customer_type,
       COUNT(Invoice_ID) AS total_sales
FROM sales
GROUP BY Customer_type;

#10 What is the gross income generated by each product line?
SELECT product_line,
       SUM(Gross_income) AS total_gross_income
FROM sales
GROUP BY product_line
ORDER BY total_gross_income DESC;

```

Database Tasks - General X

Tasks: type a part of task name here

Name	Last Run (System time)	Last Result	Type	System time	Duration	Result

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