

### Query 1 - Total Revenue

```
SELECT ROUND(SUM(total), 2) AS total_revenue  
FROM walmart_sales_data;
```

A screenshot of a database query results grid. The grid has one column labeled "total\_revenue". There is one row with the value "322966.75". The grid has standard header and footer buttons like "Result Grid", "Filter Rows", "Export", and "Wrap Cell Content".

total_revenue
322966.75

### Query 2 - Revenue by Branch

```
SELECT branch, ROUND(SUM(total),2) AS branch_revenue  
FROM walmart_sales_data  
GROUP BY branch  
ORDER BY branch_revenue DESC;
```

A screenshot of a database query results grid. The grid has two columns: "branch" and "branch\_revenue". The data rows are: C (110568.71), A (106200.37), and B (106197.67). The grid includes standard navigation and export buttons.

branch	branch_revenue
C	110568.71
A	106200.37
B	106197.67

### Query 3 - Product by Revenue

```
SELECT  
    product_line,  
    ROUND(SUM(total), 2) AS revenue  
FROM walmart_sales_data  
GROUP BY product_line  
ORDER BY revenue DESC;
```

A screenshot of a database query results grid. The grid has two columns: "product\_line" and "revenue". The data rows are: Food and beverages (56144.84), Sports and travel (55122.83), Electronic accessories (54337.53), Fashion accessories (54305.9), Home and lifestyle (53861.91), and Health and beauty (49193.74). The grid includes standard navigation and export buttons.

product_line	revenue
Food and beverages	56144.84
Sports and travel	55122.83
Electronic accessories	54337.53
Fashion accessories	54305.9
Home and lifestyle	53861.91
Health and beauty	49193.74

### Query 4 - Avg Transaction

```
SELECT  
    ROUND(AVG(total), 2) AS avg_transaction_value  
FROM walmart_sales_data;
```

A screenshot of a database query results interface. At the top, there are buttons for 'Result Grid' (highlighted in blue), 'Filter Rows...', 'Export...', and 'Wrap Cell Content...'. On the right, there is a vertical toolbar with icons for 'Result Grid', 'Form Editor', and 'Field Types'. The main area shows a single row of data in a table:

	avg_transaction_value
▶	322.97

## Query 5 - Transaction count

```
SELECT
    payment,
    COUNT(*) AS transaction_count
FROM walmart_sales_data
GROUP BY payment
ORDER BY transaction_count DESC;
```

A screenshot of a database query results interface. At the top, there are buttons for 'Result Grid' (highlighted in blue), 'Filter Rows...', 'Export...', and 'Wrap Cell Content...'. On the right, there is a vertical toolbar with icons for 'Result Grid', 'Form Editor', and 'Field Types'. The main area shows the results of the query in a table:

payment	transaction_count
Ewallet	345
Cash	344
Credit card	311

## Query 6 - Customer Type

```
SELECT
    customer_type,
    ROUND(SUM(total), 2) AS revenue
FROM walmart_sales_data
GROUP BY customer_type;
```

A screenshot of a database query results interface. At the top, there are buttons for 'Result Grid' (highlighted in blue), 'Filter Rows...', 'Export...', and 'Wrap Cell Content...'. On the right, there is a vertical toolbar with icons for 'Result Grid', 'Form Editor', and 'Field Types'. The main area shows the results of the query in a table:

customer_type	revenue
Member	164223.44
Normal	158743.31

## Query 7 - Revenue by Hour

```
SELECT
    HOUR(time) AS hour,
    ROUND(SUM(total), 2) AS revenue
FROM walmart_sales_data
GROUP BY hour
ORDER BY revenue DESC;
```

A screenshot of a database query results interface. At the top, there are buttons for 'Result Grid' (highlighted in blue), 'Filter Rows...', 'Export...', and 'Wrap Cell Content...'. On the right, there is a vertical toolbar with icons for 'Result Grid', 'Form Editor', and 'Field Types'. The main area shows the results of the query in a table:

hour	revenue
19	39699.51
13	34723.23
10	31421.48
15	31179.51
14	30828.4
11	30377.33
12	26065.88
18	26030.34
16	25226.32
17	24445.22
20	22969.53

### Query 8 - Avg rating of product

```
SELECT
    product_line,
    ROUND(AVG(rating), 2) AS avg_rating
FROM walmart_sales_data
GROUP BY product_line
ORDER BY avg_rating DESC;
```

The screenshot shows a database query results grid. The columns are labeled 'product\_line' and 'avg\_rating'. The data rows are:

product_line	avg_rating
Food and beverages	7.11
Fashion accessories	7.03
Health and beauty	7
Electronic accessories	6.92
Sports and travel	6.92
Home and lifestyle	6.84

### Query 9 - Total Gross Income by Branch

```
SELECT
    branch,
    ROUND(SUM(gross_income), 2) AS total_gross_income
FROM walmart_sales_data
GROUP BY branch
ORDER BY total_gross_income DESC;
```

The screenshot shows a database query results grid. The columns are labeled 'branch' and 'total\_gross\_income'. The data rows are:

branch	total_gross_income
C	5265.18
A	5057.16
B	5057.03