

WALMART SALES ANALYSIS

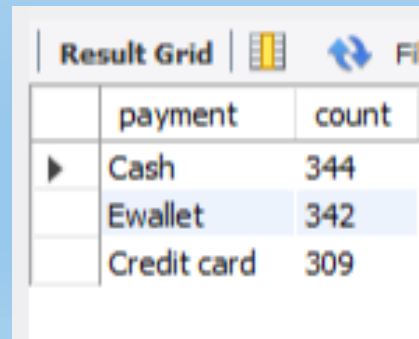
How many unique product lines are there?

```
SELECT  
    COUNT(DISTINCT product_line)  
FROM sales;
```

Result Grid		Filter Rows:
	COUNT(DISTINCT product_line)	
▶	6	

What is the most common payment method?

```
SELECT
    payment, COUNT(payment) AS count
FROM
    sales
GROUP BY payment
ORDER BY count DESC;
```



A screenshot of a database application's 'Result Grid' window. The window has a title bar with 'Result Grid' and icons for a grid, a refresh button, and a filter button. The grid contains three columns: an empty column, 'payment', and 'count'. The data is sorted by 'count' in descending order. The first row is 'Cash' with a count of 344, the second is 'Ewallet' with a count of 342, and the third is 'Credit card' with a count of 309. The first row is highlighted with a mouse cursor.

	payment	count
▶	Cash	344
	Ewallet	342
	Credit card	309



What is the most selling product line?

```
SELECT
    COUNT(quantity) as cnt,
    product_line
FROM sales
GROUP BY product_line
ORDER BY cnt DESC;
```

Result Grid			Filter Rows:
	cnt	product_line	
▶	178	Fashion accessories	
	174	Food and beverages	
	169	Electronic accessories	
	163	Sports and travel	
	160	Home and lifestyle	
	151	Health and beauty	



What is the total revenue by month?

```
SELECT
    month_name AS month,
    SUM(total) AS total_revenue
FROM sales
GROUP BY month_name
ORDER BY total_revenue DESC;
```

Result Grid				 Filter Rows
	month	total_revenue		
▶	January	116291.8680		
	March	108867.1500		
	February	95727.3765		

What product line had the largest revenue?

```
SELECT
    product_line,
    SUM(total) as total_revenue
FROM sales
GROUP BY product_line
ORDER BY total_revenue DESC;
```

Result Grid   Filter Rows: <input type="text"/>		
	product_line	total_revenue
▶	Food and beverages	56144.8440
	Fashion accessories	54305.8950
	Sports and travel	53936.1270
	Home and lifestyle	53861.9130
	Electronic accessories	53783.2365
	Health and beauty	48854.3790



What is the city with the largest revenue?

```
SELECT  
    branch,  
    city,  
    SUM(total) AS total_revenue  
FROM sales  
GROUP BY city, branch  
ORDER BY total_revenue DESC;
```

	branch	city	total_revenue
▶	C	Naypyitaw	110490.7755
	A	Yangon	105861.0105
	B	Mandalay	104534.6085



What product line had the largest VAT?

```
SELECT  
    product_line,  
    AVG(VAT) as avg_tax  
FROM sales  
GROUP BY product_line  
ORDER BY avg_tax DESC;
```

Result Grid   Filter Rows: <input type="text"/>		
	product_line	avg_tax
▶	Home and lifestyle	16.03033124
	Sports and travel	15.75697549
	Health and beauty	15.40661591
	Food and beverages	15.36531029
	Electronic accessories	15.15447632
	Fashion accessories	14.52806181



What is the most common product line by gender?

```
SELECT
    gender,
    product_line,
    COUNT(gender) AS total_cnt
FROM sales
GROUP BY gender, product_line
ORDER BY total_cnt DESC;
```

Result Grid   Filter Rows: <input type="text"/>			
	gender	product_line	total_cnt
▶	Female	Fashion accessories	96
	Female	Food and beverages	90
	Male	Health and beauty	88
	Female	Sports and travel	86
	Male	Electronic accessories	86
	Male	Food and beverages	84
	Female	Electronic accessories	83
	Male	Fashion accessories	82
	Male	Home and lifestyle	81
	Female	Home and lifestyle	79
	Male	Sports and travel	77
	Female	Health and beauty	63

What is the average rating of each product line?

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

Result Grid   Filter Rows: <input type="text"/>		
	avg_rating	product_line
▶	7.11	Food and beverages
	7.03	Fashion accessories
	6.98	Health and beauty
	6.91	Electronic accessories
	6.86	Sports and travel
	6.84	Home and lifestyle

How many unique customer types does the data have?

```
SELECT  
    DISTINCT customer_type  
FROM sales;
```

Result Grid	
	customer_type
▶	Normal
	Member

Which of the customer types brings the most revenue?

```
SELECT
    customer_type,
    SUM(total) AS total_revenue
FROM sales
GROUP BY customer_type
ORDER BY total_revenue DESC;
```

Result Grid			Filter Rows:
	customer_type	total_revenue	
▶	Member	163625.1015	
	Normal	157261.2930	

How many unique payment methods does the data have?

```
SELECT  
    DISTINCT payment  
FROM sales;
```

Result Grid	
	payment
▶	Credit card
	Ewallet
	Cash

What is the gender of most of the customers?

```
SELECT
    gender,
    COUNT(*) as gender_count
FROM sales
GROUP BY gender
ORDER BY gender_count DESC;
```

Result Grid			Filter Rows
	gender	gender_count	
▶	Male	498	
	Female	497	

Which Customer type buys the most?

```
SELECT  
    customer_type, COUNT(*) AS customer_cnt  
FROM  
    sales  
GROUP BY customer_type;
```

Result Grid			Filter Rows:
	customer_type	customer_cnt	
▶	Normal	496	
	Member	499	