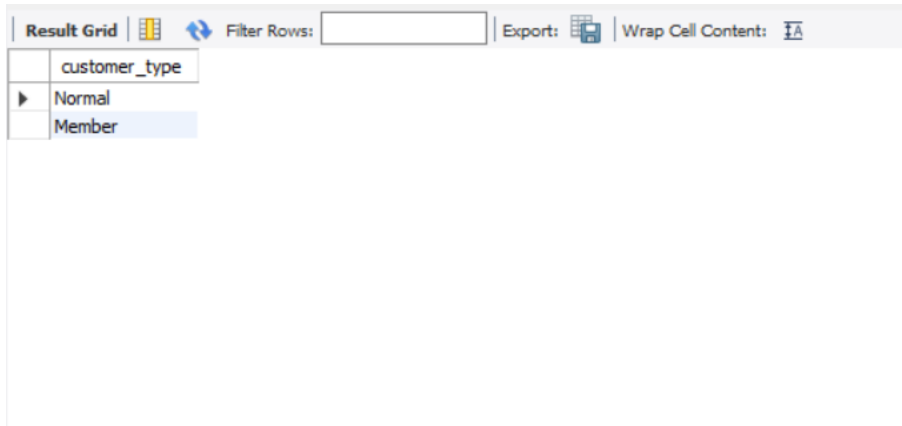


My SQL Walmart Sales Analysis

Customer Questions

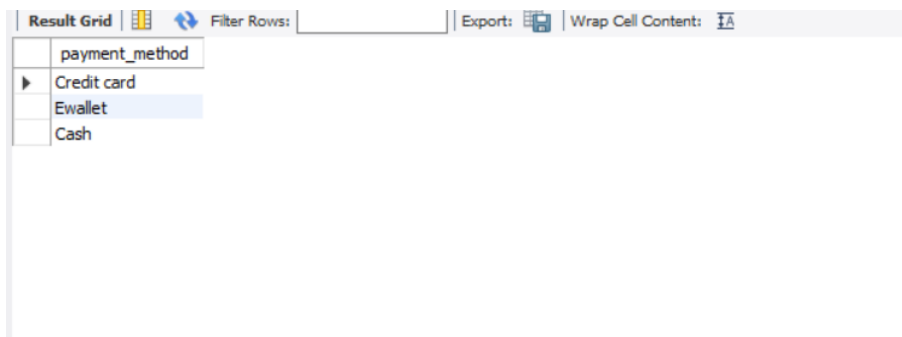
1) How many unique customer types does the data have



The screenshot shows a SQL query result grid with a toolbar at the top containing 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content'. The table has one column, 'customer_type', with two rows: 'Normal' and 'Member'. The 'Member' row is highlighted.

customer_type
Normal
Member

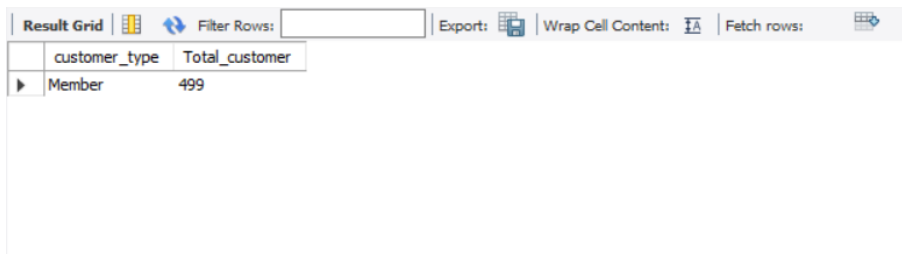
2) How many unique payment methods does the data have?



The screenshot shows a SQL query result grid with a toolbar at the top containing 'Result Grid', 'Filter Rows', 'Export', and 'Wrap Cell Content'. The table has one column, 'payment_method', with three rows: 'Credit card', 'Ewallet', and 'Cash'. The 'Ewallet' row is highlighted.

payment_method
Credit card
Ewallet
Cash

3) What is the most common customer type?



The screenshot shows a SQL query result grid with a toolbar at the top containing 'Result Grid', 'Filter Rows', 'Export', 'Wrap Cell Content', and 'Fetch rows'. The table has two columns: 'customer_type' and 'Total_customer'. There is one row with 'Member' and the value '499'. The 'Member' row is highlighted.

customer_type	Total_customer
Member	499

4) Which customer type buys the most?

Result Grid			Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	customer_type	no_of_orders				
▶	Member	499				

5) What is the gender of most of the customers?

Result Grid			Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
	gender	no_of_count				
▶	Male	498				

6) What is the gender distribution per branch?

	gender	branch	count(*)
▶	Female	A	160
	Male	A	179
	Female	B	160
	Male	B	169
	Female	C	177
	Male	C	150

7) Which time of the day do customers give most ratings?

Result Grid			Filter Rows:
	time_of_day	average_rating	
▶	Afternoon	7.02	

8) Which time of the day do customers give most ratings per branch?

Result Grid				Filter Rows:
	branch	time_of_day	avg_rating	
▶	A	Afternoon	7.18889	

Result Grid		Filter Rows:	
	branch	time_of_day	avg_rating
▶	B	Morning	6.83793

Result Grid		Filter Rows:	
	branch	time_of_day	avg_rating
▶	C	Evening	7.09859

9) Which day for the week has the best avg ratings?

Result Grid		Filter Rows:	
	day_name	avg_rating	
▶	Monday	7.13065	



10) Which day of the week has the best average ratings per branch?

Result Grid		Filter Rows:	
	branch	day_name	avg(rating)
▶	A	Friday	7.31200

Result Grid		Filter Rows:	
	branch	day_name	avg(rating)
▶	B	Monday	7.26579

Result Grid		Filter Rows:	
	branch	day_name	avg(rating)
▶	C	Saturday	7.22963

11) What is the average rating of each product line?

Result Grid					Filter Rows:	
	product_line	average_rating				
▶	Food and beverages	7.11322				
	Fashion accessories	7.02921				
	Health and beauty	6.98344				
	Electronic accessories	6.90651				
	Sports and travel	6.85951				
	Home and lifestyle	6.83750				

Generic Questions

- 1) How many unique cities does the data have?

Result Grid	Filter Rows:
city	
▶ Yangon	
Naypyitaw	
Mandalay	

- 2) In which city is each branch?

Result Grid	Filter Rows:
City	branch
▶ Yangon	A
Naypyitaw	C
Mandalay	B

Product Line

- 1) How many unique product lines does the data have?

Result Grid		Filter Rows:
	product_line	
▶	Food and beverages	
	Health and beauty	
	Sports and travel	
	Fashion accessories	
	Home and lifestyle	
	Electronic accessories	

- 2) What is the most common payment method?

Result Grid		Filter Rows:
	payment_method	count(payment_method)
▶	Cash	344

- 3) What is the most selling product line?

Result Grid		Filter Rows:
	product_line	NO_OF_ORDER
▶	Fashion accessories	178

- 4) What is the total revenue by month?

Result Grid		Filter Rows:
	month_name	Total_Revenue
▶	January	116291.8680
	February	95727.3765
	March	108867.1500

- 5) What month had the largest COGS?

Result Grid		Filter Rows:
	month_name	max_cogs
▶	January	110754.16

6) What product line had the largest revenue?

Result Grid	Filter Rows:
product_line	Total_revenue
Food and beverages	56144.8440

7) What is the city with the largest revenue?

Result Grid	Filter Rows:
city	Total_revenue
Naypyitaw	110490.7755

8) What product line had the largest VAT?

Result Grid	Filter Rows:
product_line	Total_TAX
Food and beverages	2673.5640

9) Fetch each product line and add a column to those product line showing "Good", "Bad".
Good if its greater than average sales

Result Grid	Filter Rows:
product_line	result
Food and beverages	GOOD
Health and beauty	GOOD
Sports and travel	GOOD
Fashion accessories	BAD
Home and lifestyle	GOOD
Electronic accessories	BAD

10) Which branch sold more products than average product sold?

Result Grid	Filter Rows:
BRANCH	average_rating
C	5.5902

11)What is the most common product line by gender?




Result Grid			
Filter Rows:			
	GENDER	PRODUCT_LINE	GENDER
▶	Female	Sports and travel	86
	Male	Sports and travel	77

12)What is the average rating of each product line?



Result Grid		
Filter Rows:		
Export:		
	PRODUCT_LINE	AVERAGE_RATING_FROM_10
▶	Food and beverages	7.11322
	Fashion accessories	7.02921
	Health and beauty	6.98344
	Electronic accessories	6.90651
	Sports and travel	6.85951
	Home and lifestyle	6.83750

Sales Questions

- 1) Number of sales made in each time of the day per weekend

Result Grid			Filter Rows:	Export: 
	date	day_name	Total_Sales	
▶	2019-01-05 00:00:00	Saturday	12	
	2019-01-06 00:00:00	Sunday	9	
	2019-01-12 00:00:00	Saturday	11	
	2019-01-13 00:00:00	Sunday	10	
	2019-01-19 00:00:00	Saturday	16	
	2019-01-20 00:00:00	Sunday	10	
	2019-01-26 00:00:00	Saturday	17	
	2019-01-27 00:00:00	Sunday	14	
	2019-02-02 00:00:00	Saturday	14	
	2019-02-03 00:00:00	Sunday	13	
	2019-02-09 00:00:00	Saturday	13	
	2019-02-10 00:00:00	Sunday	11	
	2019-02-16 00:00:00	Saturday	8	
	2019-02-17 00:00:00	Sunday	13	
	2019-02-23 00:00:00	Saturday	8	
	2019-02-24 00:00:00	Sunday	9	
	2019-03-02 00:00:00	Saturday	18	
	2019-03-03 00:00:00	Sunday	14	
	2019-03-09 00:00:00	Saturday	16	
	2019-03-10 00:00:00	Sunday	12	
	2019-03-16 00:00:00	Saturday	9	
	2019-03-17 00:00:00	Sunday	6	
	2019-03-23 00:00:00	Saturday	11	
	2019-03-24 00:00:00	Sunday	11	
	2019-03-30 00:00:00	Saturday	11	

- 2) Which of the customer types brings the most revenue?

Result Grid			Filter Rows:
	customer_type	Total_revenue	
▶	Member	163625.10	

- 3) Which city has the largest tax percent/ VAT (Value Added Tax)?

Result Grid		Filter Rows:	Export:
	city	max_avg_vat	
▶	Naypyitaw	16	

4) Which customer type pays the most in VAT?

Result Grid		Filter Rows:	E
	customer_type	max_avg_vat	
▶	Member	16	

