

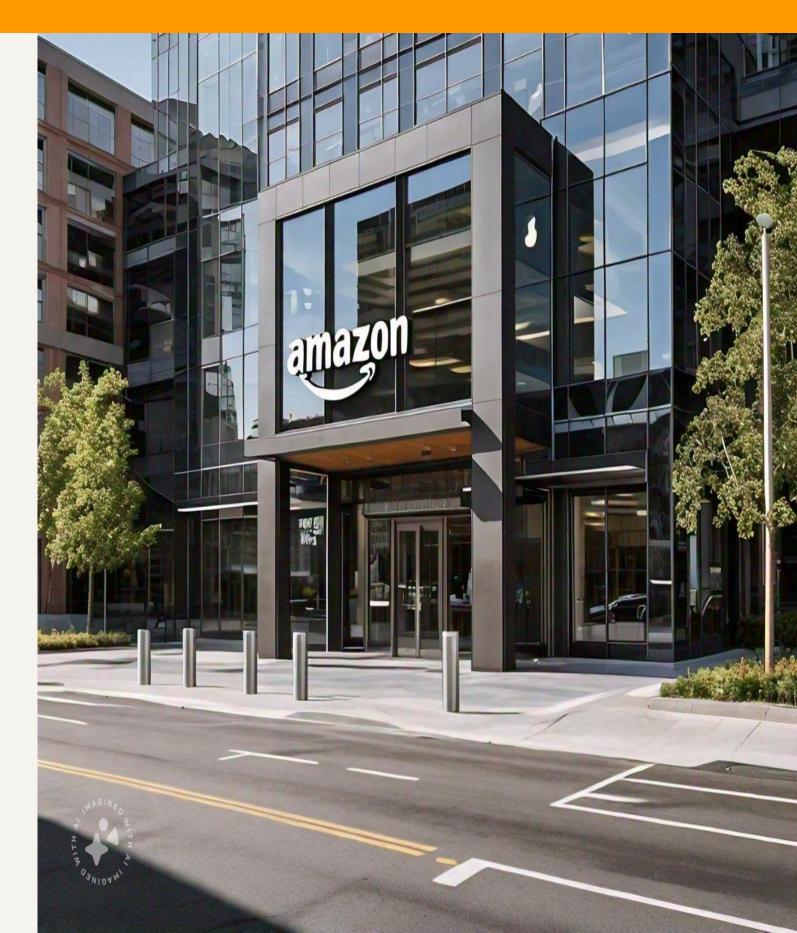
Agenda

- About The Company
- Project Overview
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- Conclusion



Amazon is a global e-commerce giant, primarily known for its vast online marketplace. In terms of sales, Amazon consistently ranks as one of the world's largest retailers.

The company generates significant revenue through its diverse product offerings, including electronics, apparel, and cloud services (AWS). Amazon's sales strategy is powered by a customer-centric approach, competitive pricing, and fast delivery services, contributing to its dominant market position.



> Project Overview

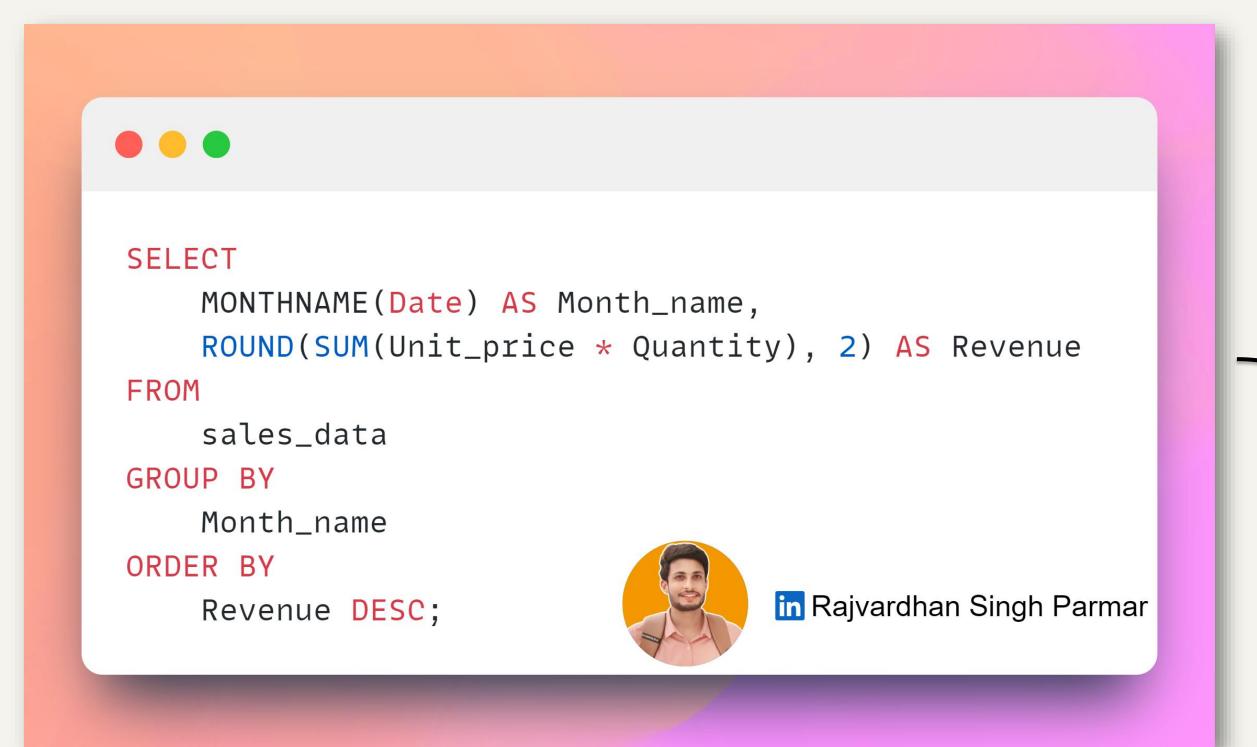
This project is dedicated to a comprehensive analysis of sales data from Amazon's branches in Mandalay, Yangon, and Naypyitaw. By scrutinizing 1,000 sales transactions, we will explore various product lines and customer demographics to identify trends and factors that influence sales performance. Our goal is to uncover actionable insights that can help optimize sales strategies, improve customer targeting, and enhance overall performance across these key locations.

Business Challenge

Amazon is seeking to revolutionize its sales strategies and customer targeting across its key branches in Mandalay, Yangon, and Naypyitaw. The objective is to delve deep into sales data to identify which product lines and customer segments are yielding the highest profitability. By thoroughly analyzing sales trends and uncovering insightful patterns, Amazon aims to develop more refined and effective business strategies. This effort will help tailor marketing approaches, optimize inventory management, and enhance overall decision-making, driving significant growth and improved customer satisfaction in these markets.



1) How much revenue is generated each month?

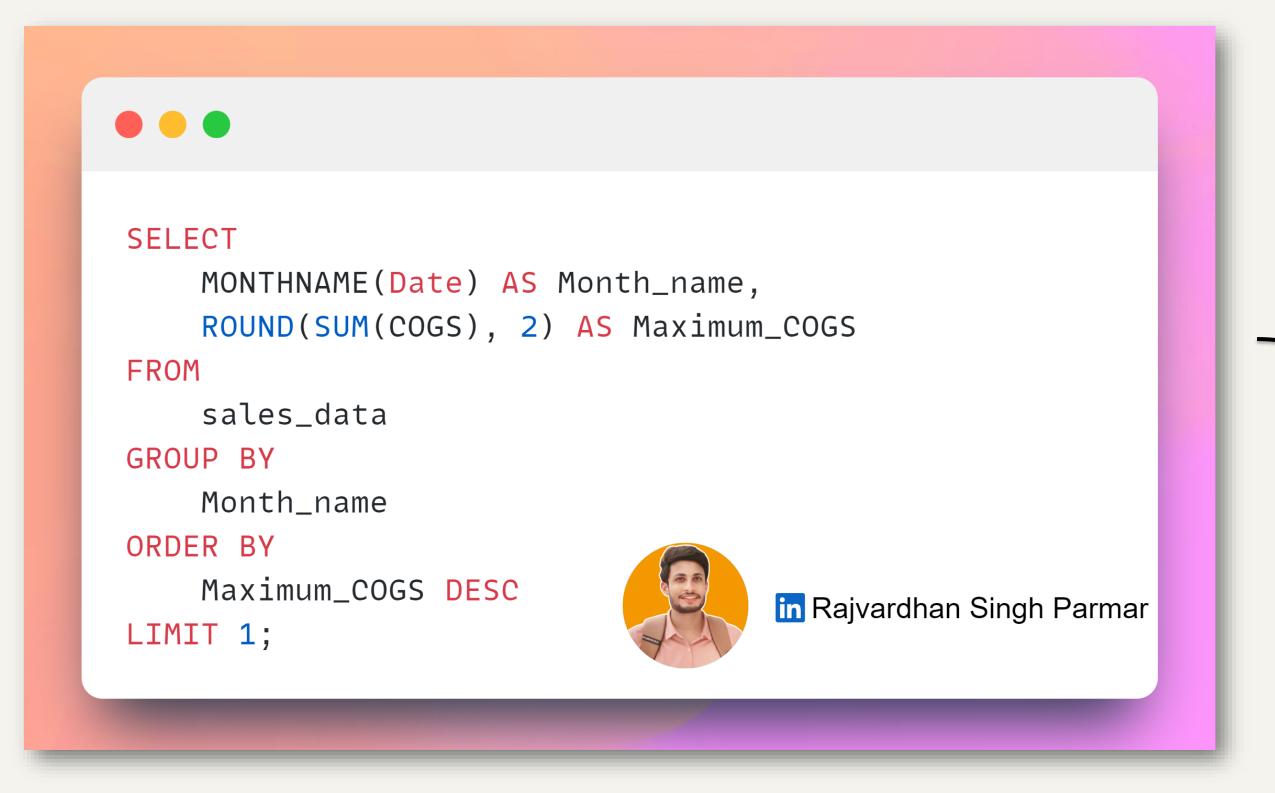


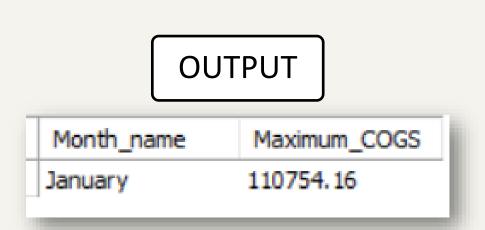


Month_name	Revenue
January	110754.16
March	104243.34
February	92589.88

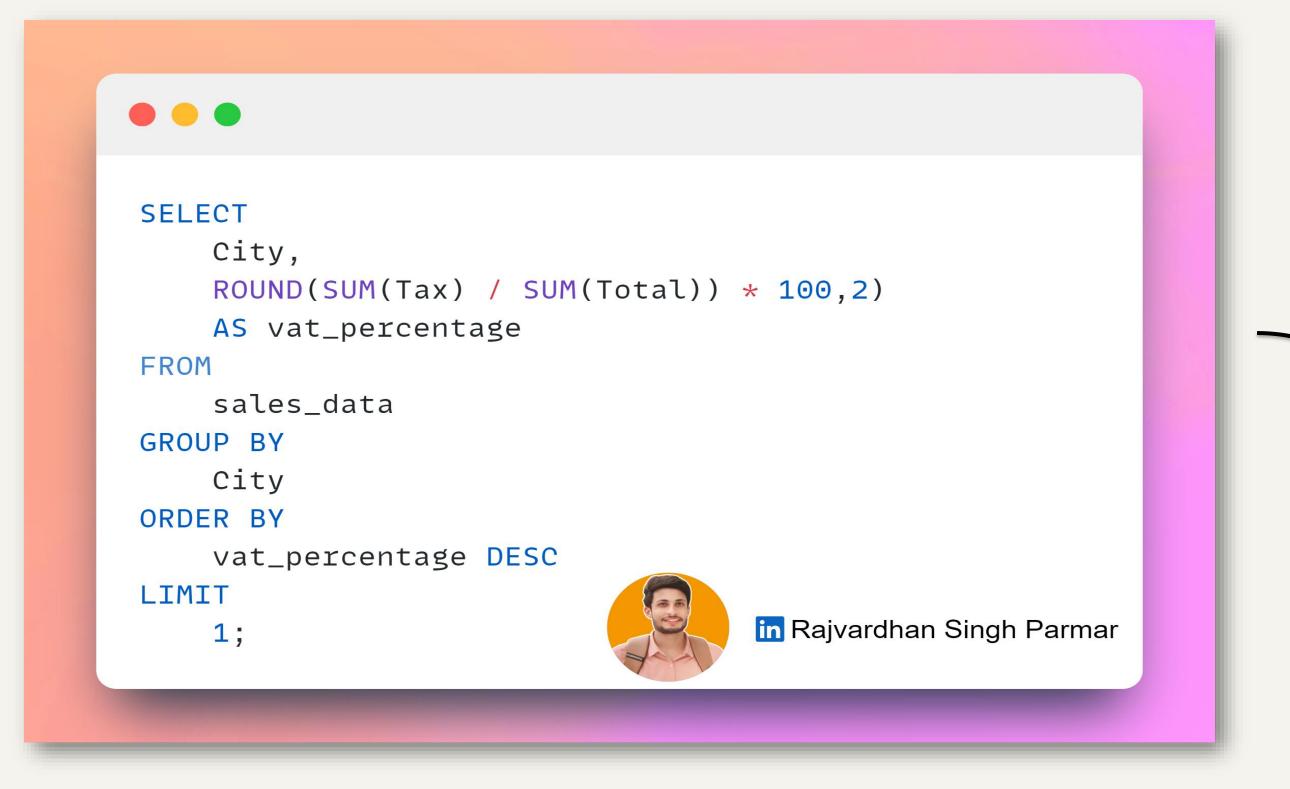


2) In which month did the cost of goods sold reach its peak?





3) Determine the city with the highest VAT percentage.



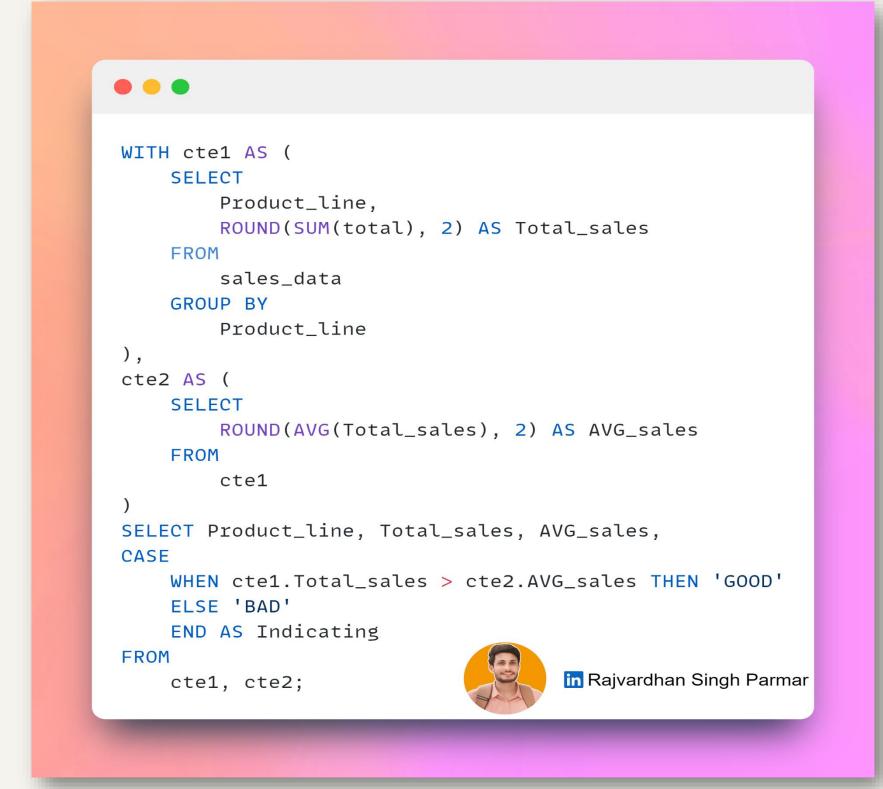
OUTPUT

City vat_percentage

Yangon 4.76



4) For each product line, add a column indicating "Good" if its sales are above average, otherwise "Bad".

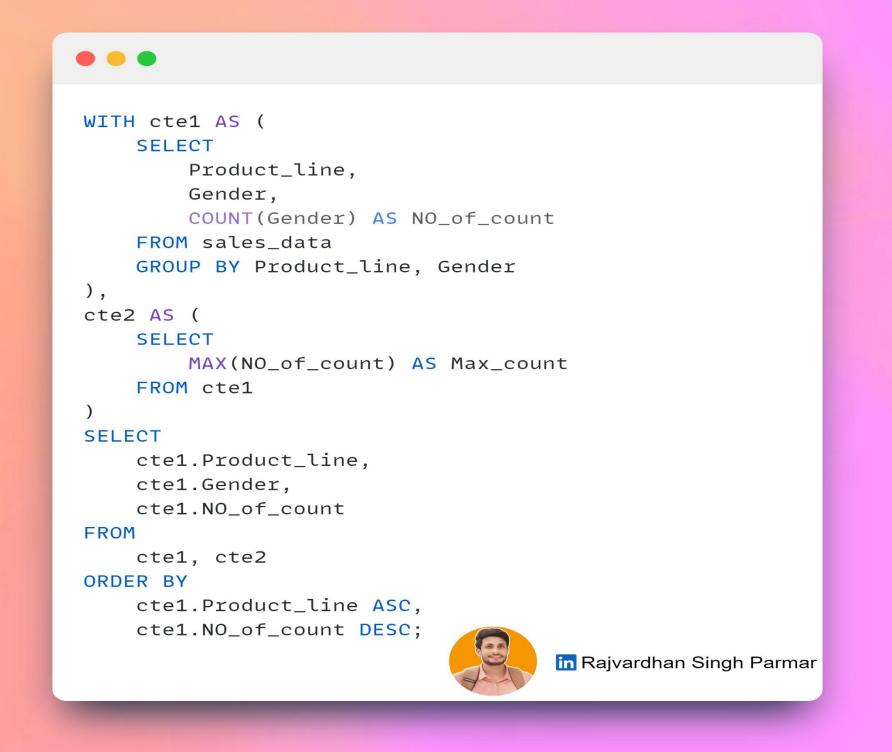


OUTPUT

product_line	Total_sales	AVG_sales	Indicating
Food and beverages	56144.84	53827.79	GOOD
Health and beauty	49193.74	53827.79	BAD
Sports and travel	55122.83	53827.79	GOOD
Fashion accessories	54305.9	53827.79	GOOD
Home and lifestyle	53861.91	53827.79	GOOD
Electronic accessories	54337.53	53827.79	GOOD



5) Which product line is most frequently associated with each gender?

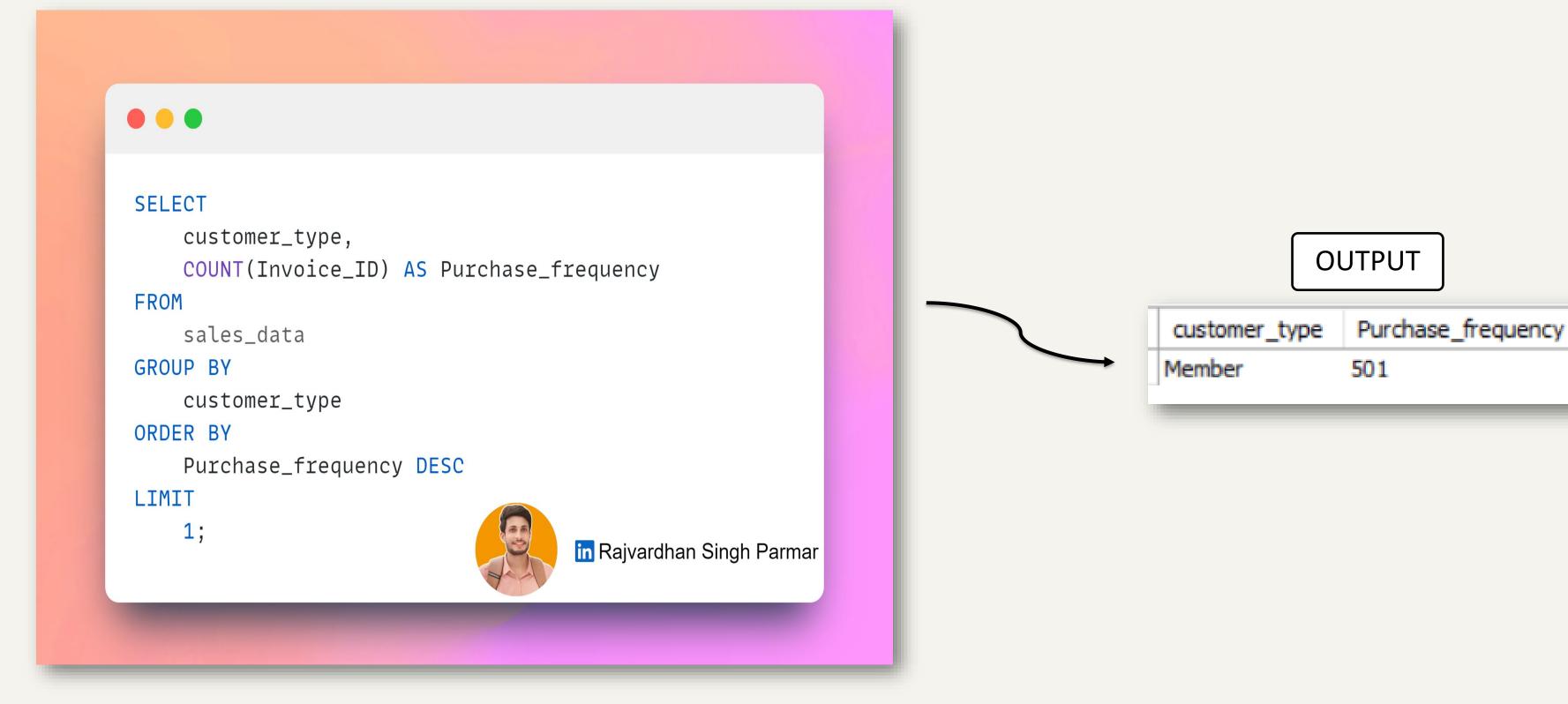


OUTPUT

Product_line	Gender	NO_of_count
Electronic accessorie	s Male	86
Electronic accessorie	s Female	84
Fashion accessories	Female	96
Fashion accessories	Male	82
Food and beverages	Female	90
Food and beverages	Male	84
Health and beauty	Male	88
Health and beauty	Female	64
Home and lifestyle	Male	81
Home and lifestyle	Female	79
Sports and travel	Female	88
Sports and travel	Male	78

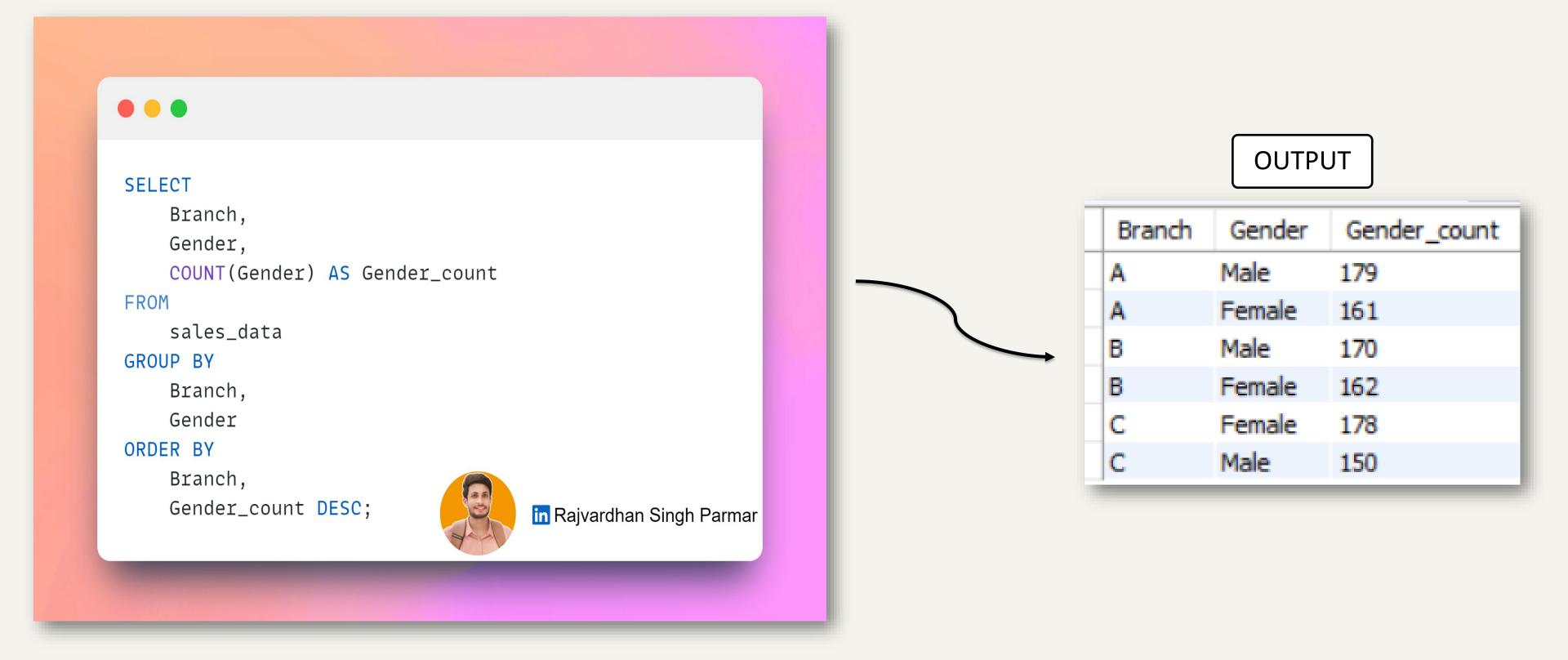


6) Identify the customer type with the highest purchase frequency.



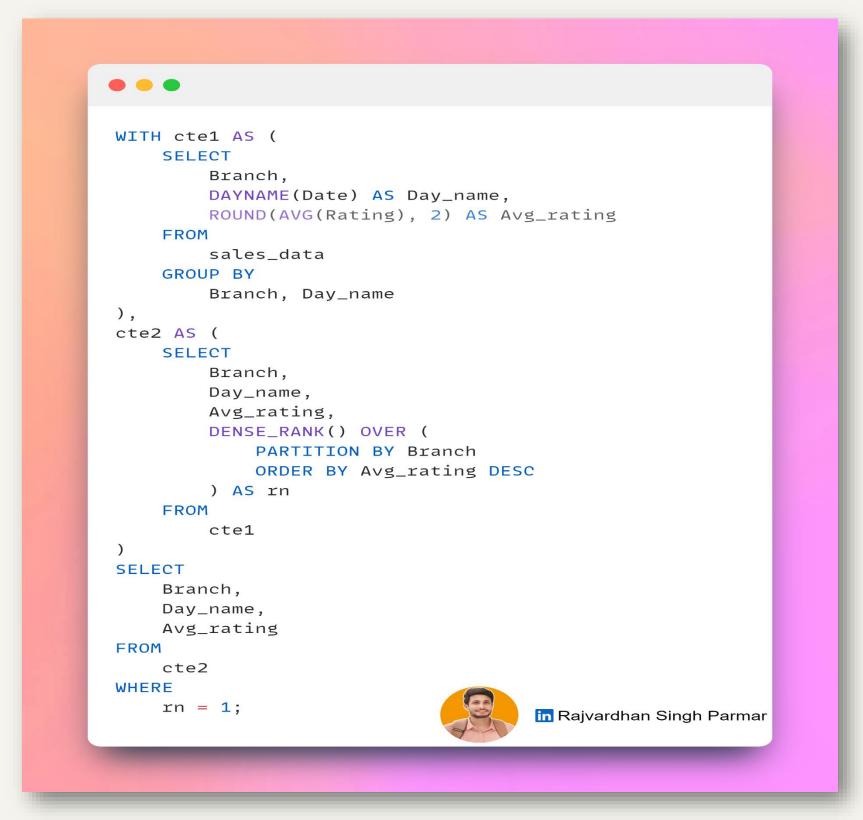


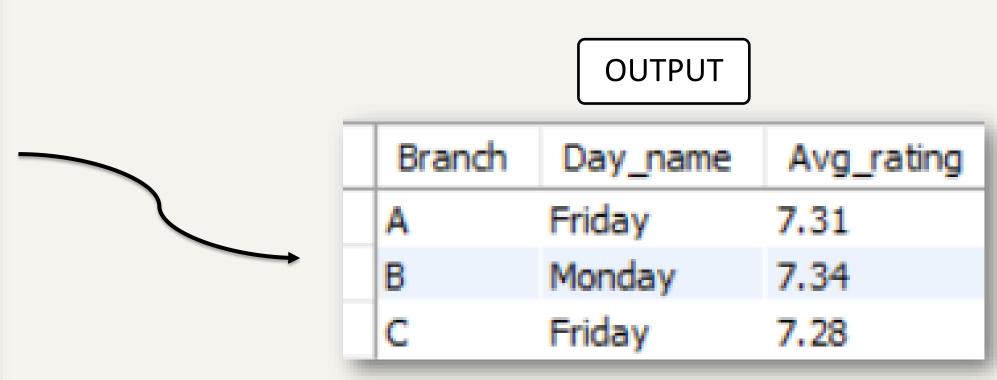
7) Examine the distribution of genders within each branch.





8) Determine the day of the week with the highest average ratings for each branch.

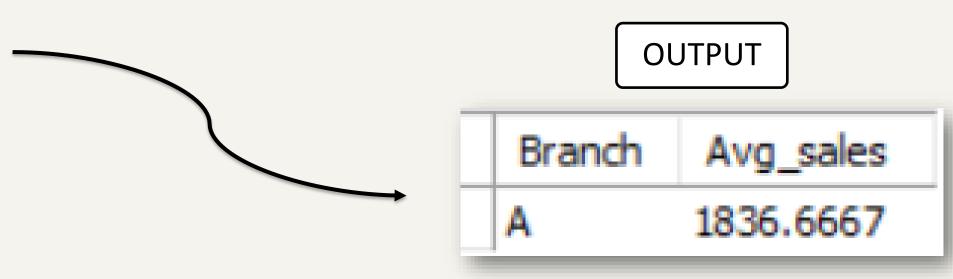




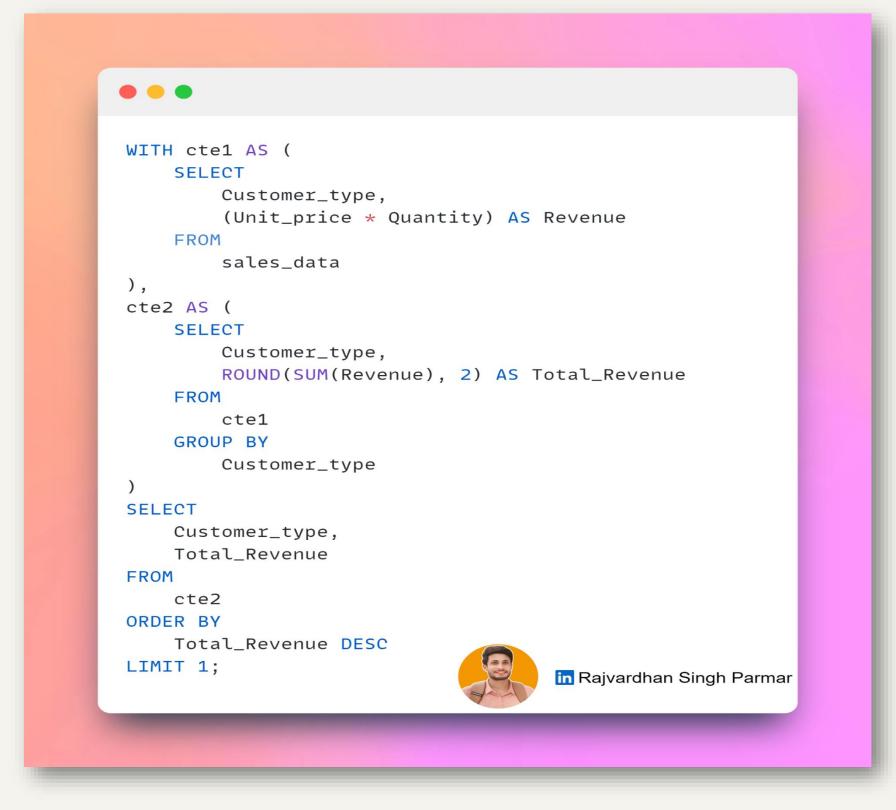


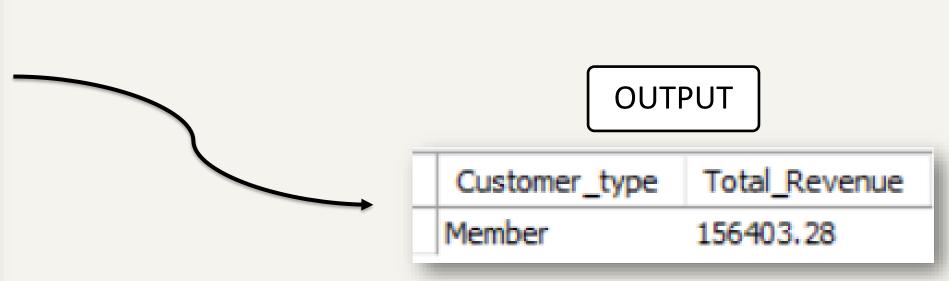
9) Identify the branch that exceeded the average number of products sold.





10) Identify the customer type contributing the highest revenue.





Conclusion

In this analysis of Amazon's sales data from branches in Mandalay, Yangon, and Naypyitaw has provided valuable insights into the company's sales performance. By examining 1,000 transactions across various product lines and customer demographics, we identified key trends that can inform future business strategies. The findings emphasize the importance of targeted marketing, efficient inventory management, and a customer-centric approach to driving growth and enhancing customer satisfaction. As Amazon continues to innovate, these insights will be instrumental in refining strategies that align with both market demands and the company's goals.

Thank you!

Feel free to approach me if you have any questions.