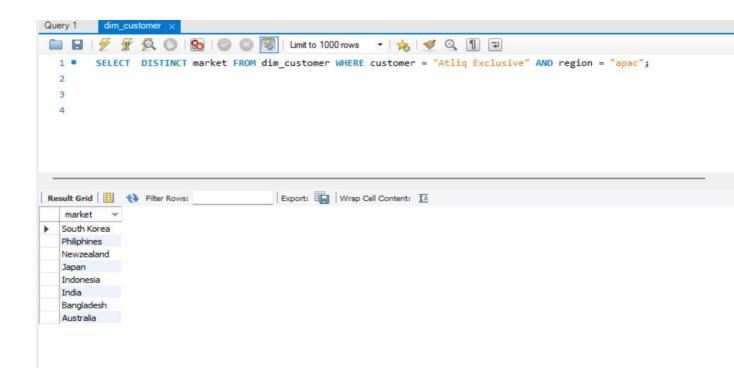
Consumer Goods Analysis

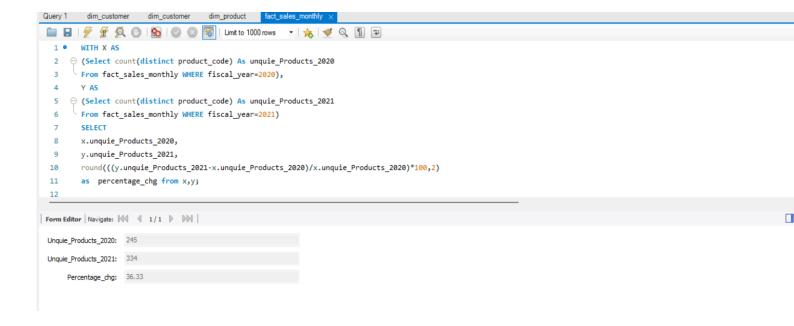
Codebasics Resume Project Challenge #4 [MySQL | Excel]

Presented insights on 10 ad-hoc business requests to the executive management team, querying a database with 1.4 million rows using SQL, showcasing collaboration, analytical thinking, and problem-solving skills.

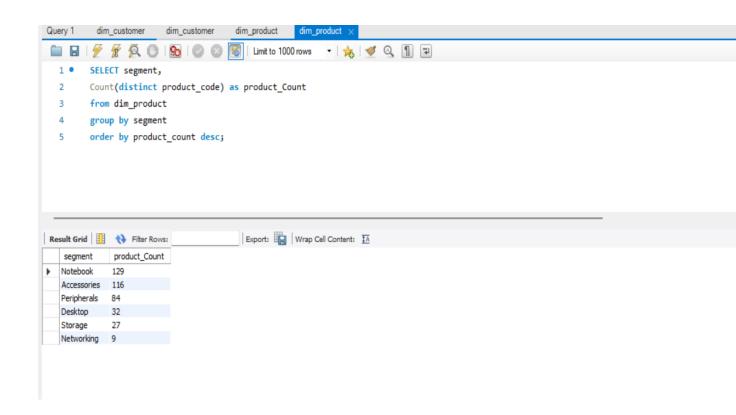
1. SELECT DISTINCT market FROM dim_customer WHERE customer = "Atliq Exclusive" AND region = "apac";

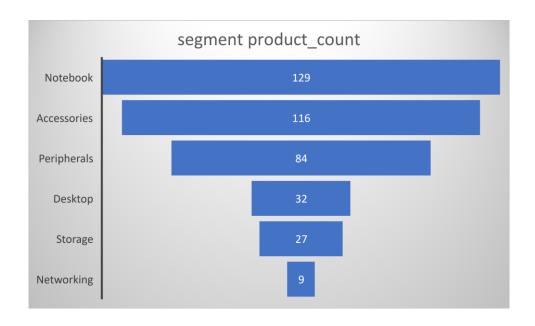


2. What is the percentage of unique product increase in 2021 vs. 2020? The final output contains these fields, unique_products_2020 unique_products_2021 percentage_chg

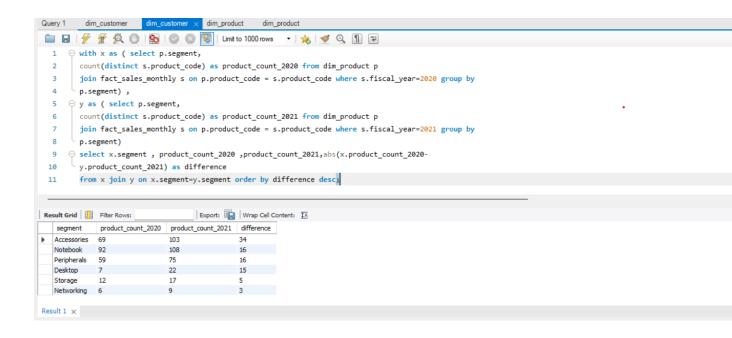


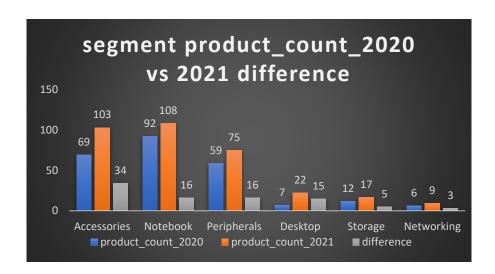
3. Provide a report with all the unique product counts for each segment and sort them in descending order of product counts. The final output contains 2 fields, segment product_count



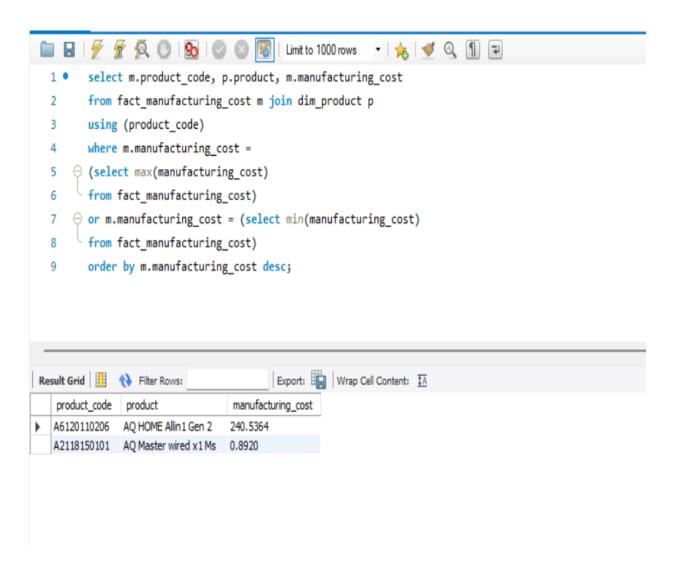


4. Follow-up: Which segment had the most increase in unique products in 2021 vs 2020? The final output contains these fields, segment product_count_2020 product_count_2021 difference

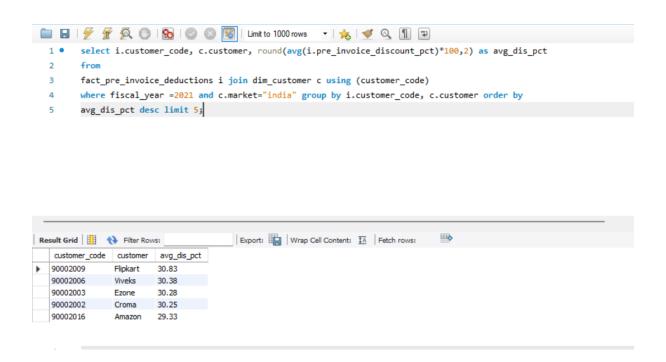




5. Get the products that have the highest and lowest manufacturing costs. The final output should contain these fields, product_code product manufacturing_cost

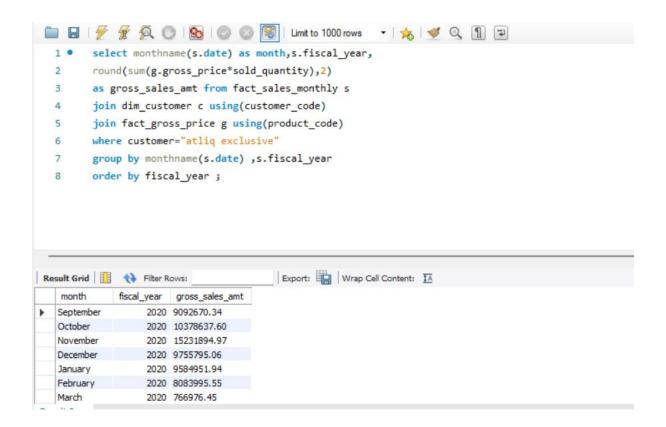


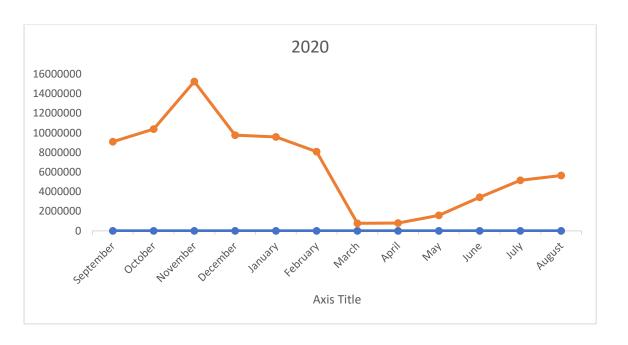
6. Generate a report which contains the top 5 customers who received an average high pre_invoice_discount_pct for the fiscal year 2021 and in the Indian market. The final output contains these fields, customer_code customer average_discount_percentage

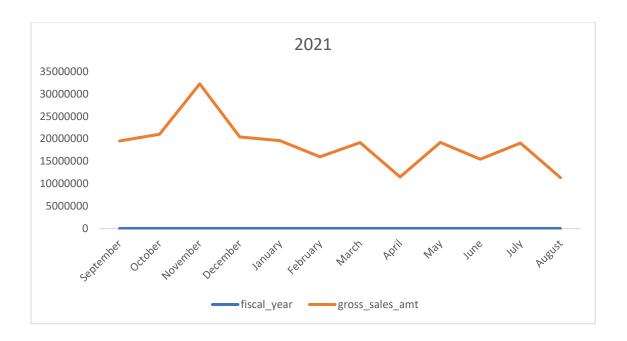


customer_cod <	custome	avg_dis_pc
90002009	Flipkart	☆ 30.83
90002006	Viveks	☆ 30.38
90002003	Ezone	☆ 30.28
90002002	Croma	☆ 30.25
90002016	Amazon	☆ 29.33

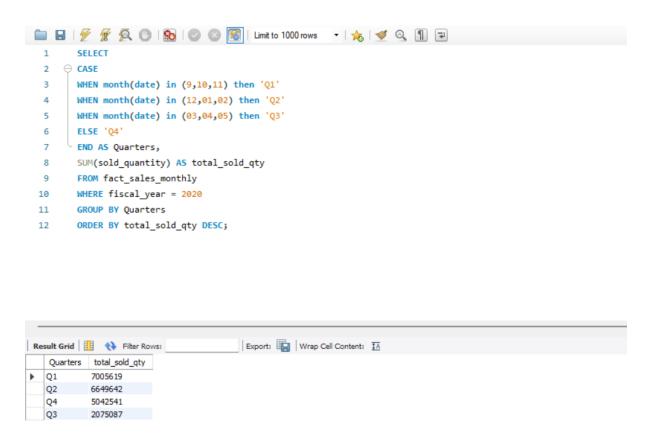
7. Get the complete report of the Gross sales amount for the customer "Atliq Exclusive" for each month. This analysis helps to get an idea of low and high-performing months and take strategic decisions. The final report contains these columns: Month Year Gross sales Amount

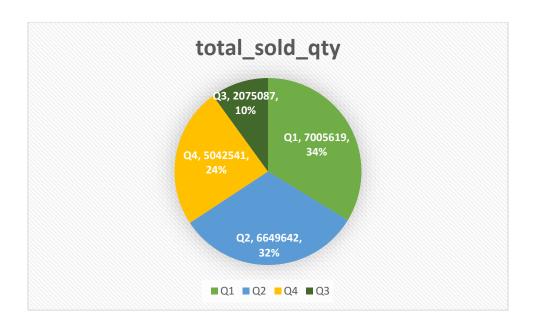




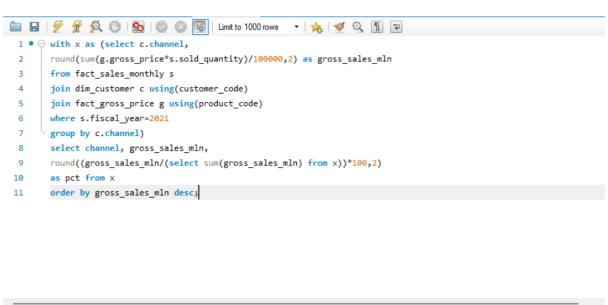


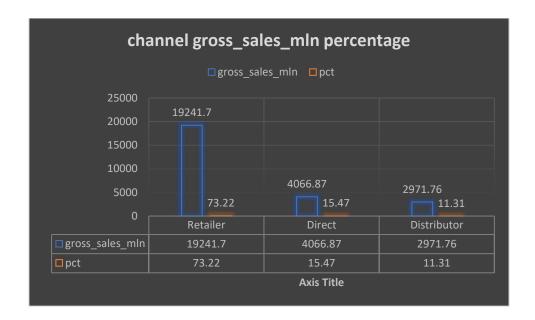
8. In which quarter of 2020, got the maximum total_sold_quantity? The final output contains these fields sorted by the total_sold_quantity, Quarter total_sold_quantity



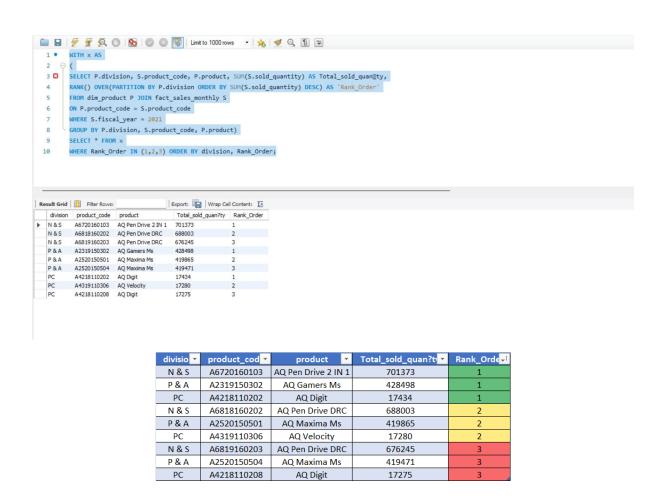


9. Which channel helped to bring more gross sales in the fiscal year 2021 and the percentage of contribution? The final output contains these fields, channel gross_sales_mln percentage





10. Get the Top 3 products in each division that have a high total_sold_quantity in the fiscal_year 2021? The final output contains these fields, division product_code



Thank You AtliQ Hardwares