



AtliQ HARDWARE Ad-HOC INSIGHTS

DOMAIN: CONSUMER GOODS

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INTRODUCTION

- Atliq Hardware is one of the leading computer hardware producers in India and well expanded in other countries too. Atliq Hardware has 74 customers, in 27 countries worldwide.
- Along with Asia Pacific (APAC) region, they also operate in Europe (EU), North America (NA) and Latin America (LATAM).
- Atliq Hardware has 3 main division of products Peripherals and Accessories (P & A), Network and Storage (N & S), and Personal Computer (PC).

AGENDA

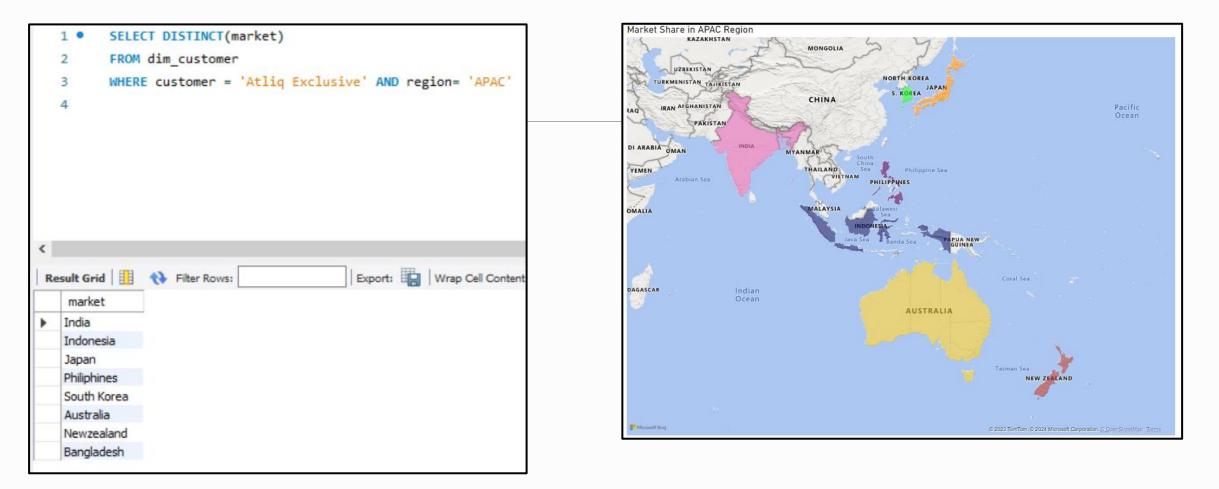
Provide insights to the management by solving Ad-hoc requests

DATA UNDERSTANDING

- The dataset of fiscal year 2020 and 2021 is available.
- Atliq Hardwares fiscal year starts from 1st September and ends on 31st August.
- Atliq Hardware database (atliq_hardware_db) has 6 main tables.
 - dim_customer:contains customer-related data
 - dim_product : contains product-related data
 - fact_gross_price :contains gross price information for each product
 - fact_manufacturing_cost :contains the cost incurred in the production of each product
 - fact_pre_invoice_deductions :contains pre-invoice deductions information for each product
 - fact_sales_monthly:contains monthly sales data for each product

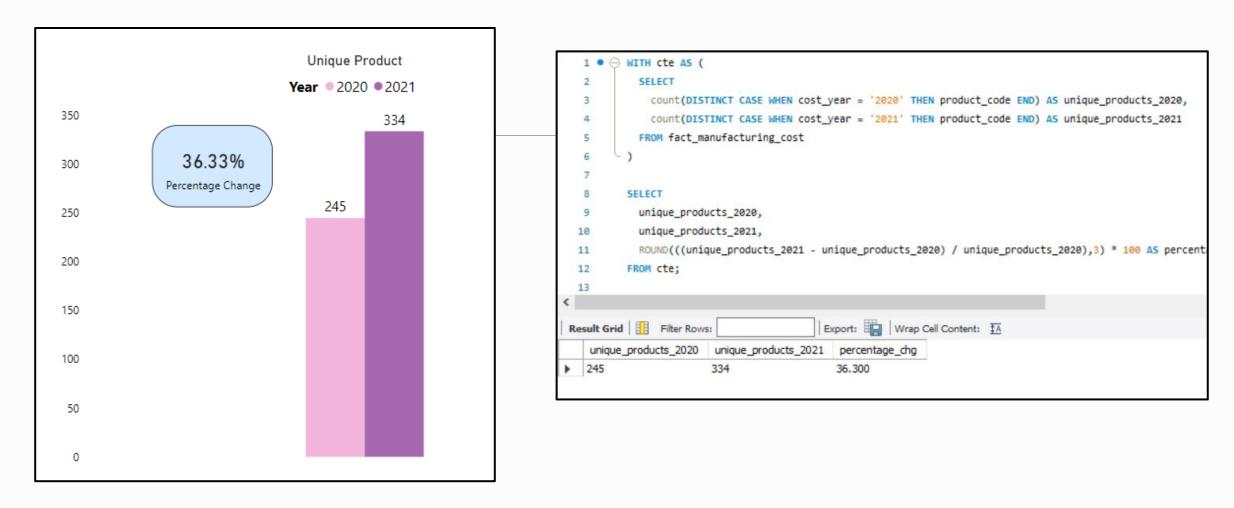
AD-HOC REQUESTS

Q1. Provide the list of markets in which customer "Atliq Exclusive" operates its business in the APAC region.



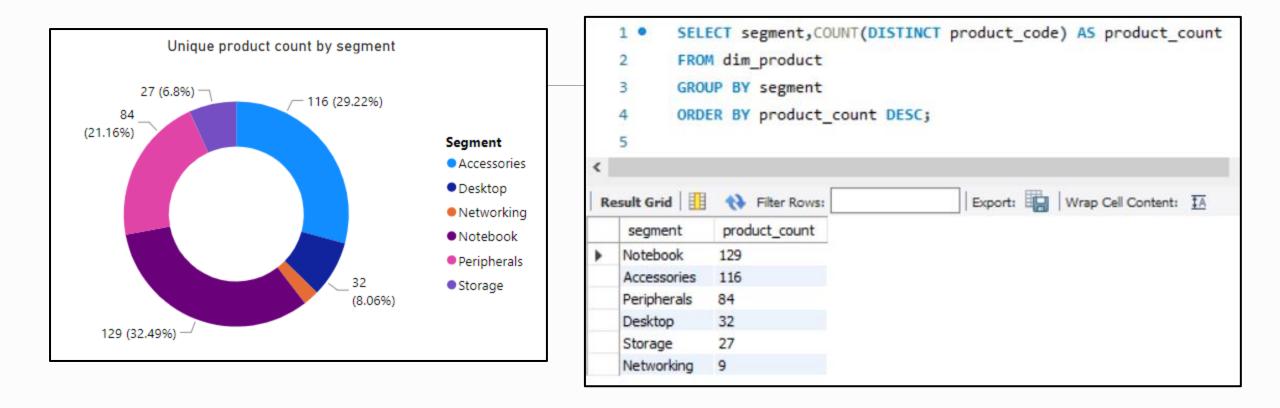
• AltiQ Exclusive is running business in 8 different countries in APAC region

Q2. What is the percentage of unique product increase in 2021 vs. 2020?



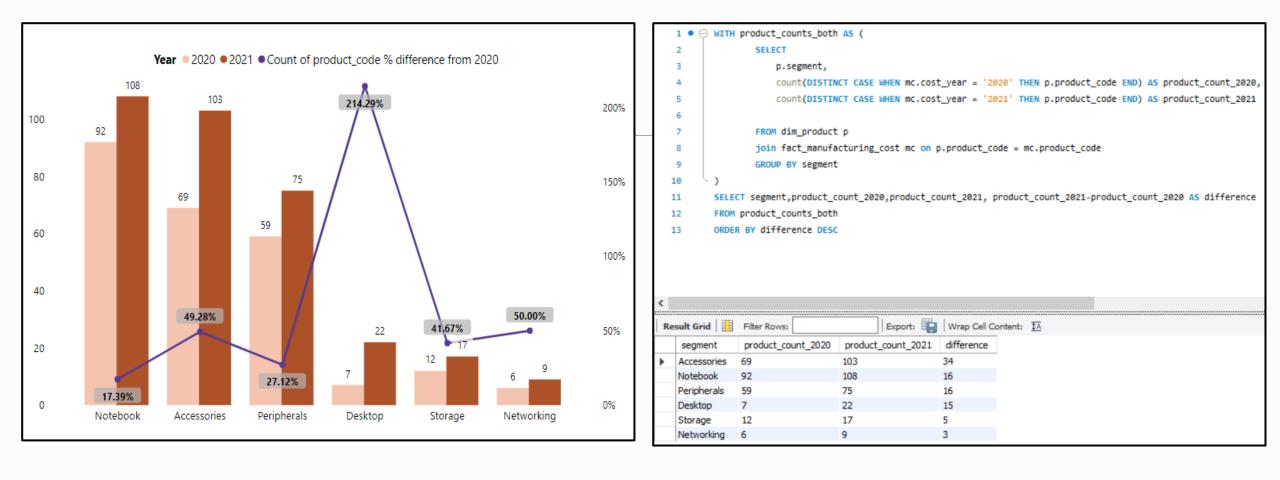
- Our product count increased by 36% from 245 in FY 2020 to 334 in FY 2021.
- An increase in the number of unique products sold can be seen as a positive indicator for the business, indicating a rise in product variety and potential revenue streams.

Q3. Provide a report with all the unique product counts for each segment and sort them in descending order of product counts.



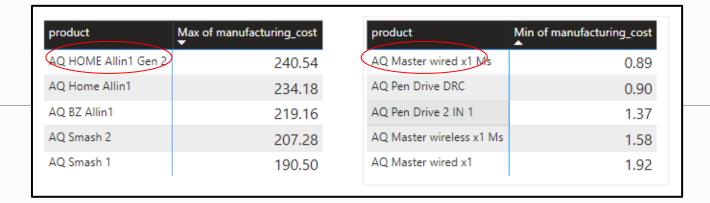
- Notebooks, accessories, and peripherals make up 83% of the total manufactured products.
- Networking, storage, and desktop are the product segments with the lowest unique products.

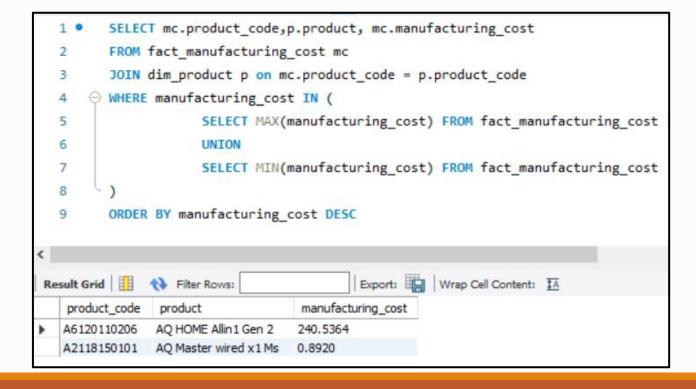
Q4. Follow-up: Which segment had the most increase in unique products in 2021 vs 2020?



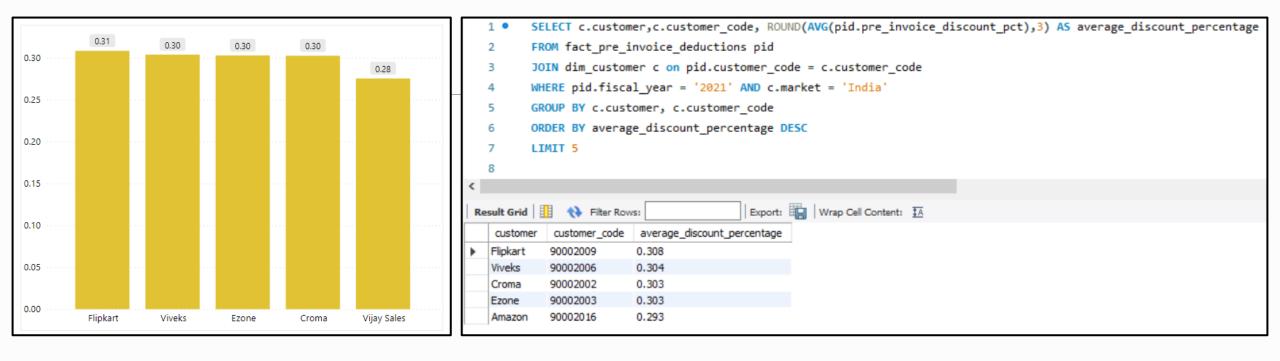
- Accessories segment experienced the highest increase in unique product (34).
- There was a slight increase in unique product count for Desktop, Storage, and Networking segments from 2020 to 2021, yet they remain the segments with the lowest count
- Increase % wise, Desktop had highest % growth.

Q5. Get the products that have the highest and lowest manufacturing costs.



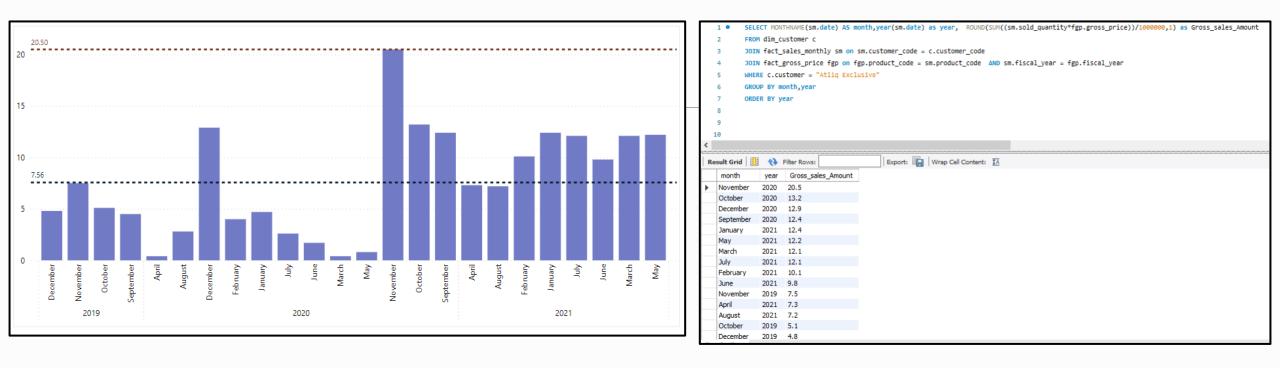


Q6. Generate a report which contains the top 5 customers who received an average high pre_invoice_discount_pct for the fiscal year 2021 and in the Indian market.



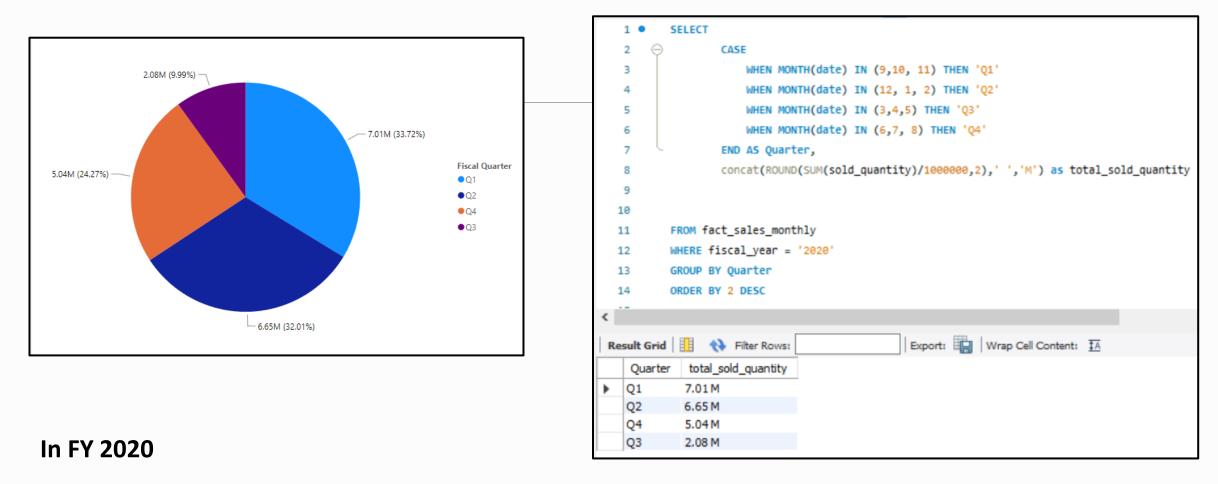
• Top 5 customers receives the almost same average 30% of pre-invoice discount percent

Q7. Get the complete report of the Gross sales amount for the customer "Atliq Exclusive" for each month.



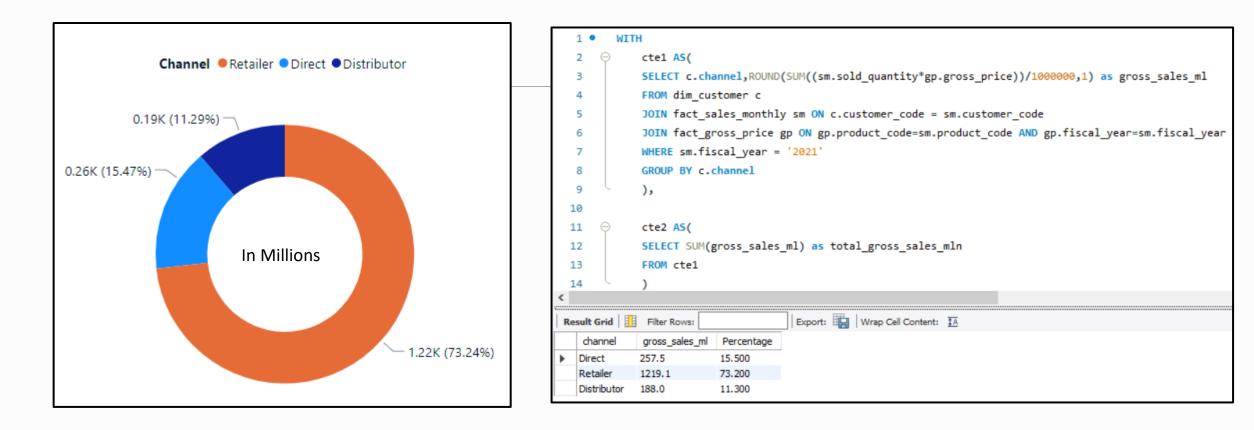
- 2020 November shows highest gross sales and from 2020 November, on average USD 7.56 million gross sales were done throughout.
- We can see that gross sales have been good post November 2020.

Q8. In which quarter of 2020, got the maximum total_sold_quantity?



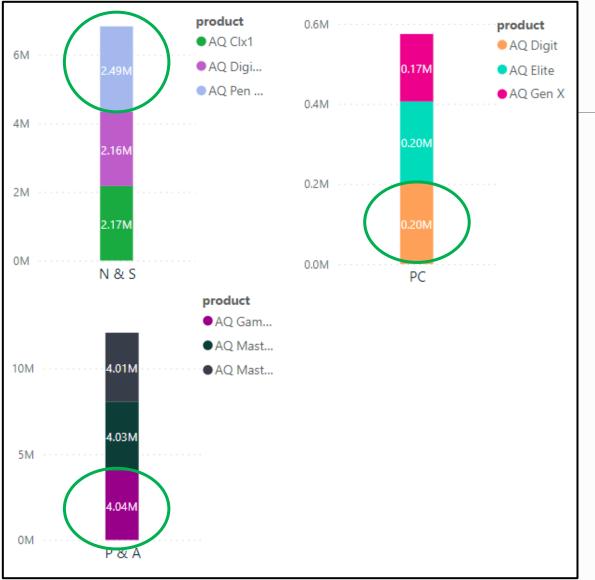
- AltiQ Exclusive is outperformed in QI & Q2 compared to other quarters. Christmas & New year holidays could be the reasons sales increase in QI & Q2.
- Q1 and Q2 contribute to a combined 65% of total sold quantity

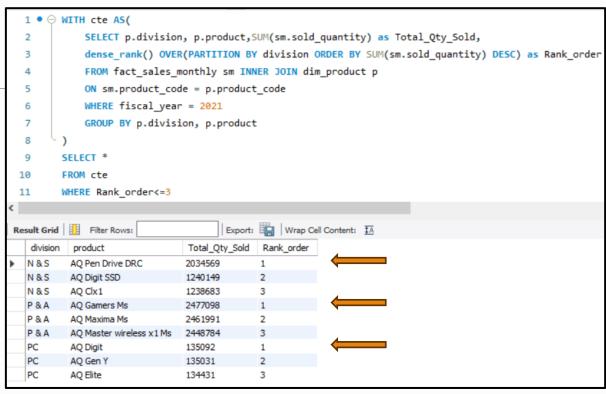
Q9. Which channel helped to bring more gross sales in the fiscal year 2021 and the percentage of contribution?



- Retailer has been identified as the primary driver of sales, accounting for a significant proportion of 73.22%
- Distributor has been found to contribute the least, with a percentage of only 11.31%.

Q10. Get the Top 3 products in each division that have a high total_sold_quantity in the fiscal_year 2021?





THANK YOU