

# Consumer Goods Sector: Ad-Hoc Analysis Report (FY 2020–2021)

"Insights derived from sales, pricing, and product data"

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# Agenda

#### **Business Objective & Context**

Understanding the need for data-driven insights in the consumer goods sector.

#### Ad-Hoc Analysis Framework

Focused exploration of sales, product trends, and customer performance (FY 2020–2021).

#### **Key Findings**

Strategic insights derived from transactional data analysis.

#### **Data-Driven Recommendations**

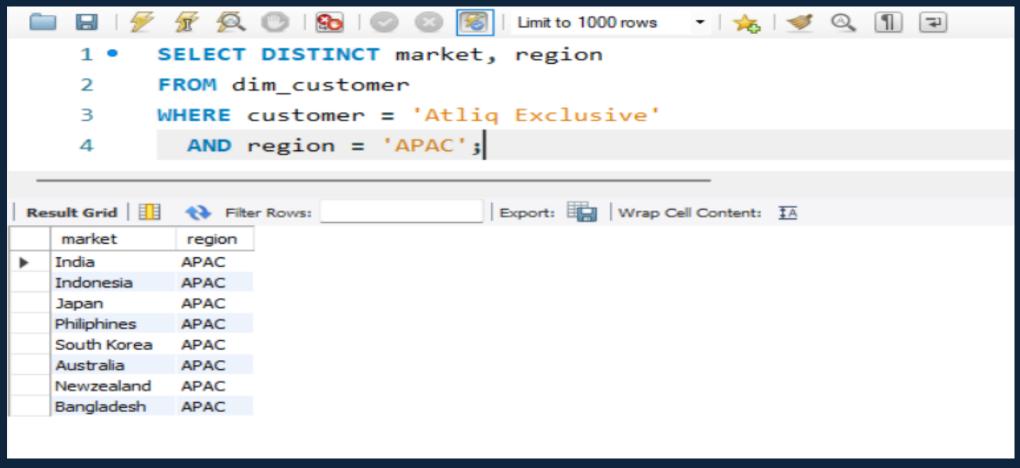
Translating insights into actions for improved decision-making.

#### Conclusion & Next Steps

Final takeaways and potential areas for deeper exploration.



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



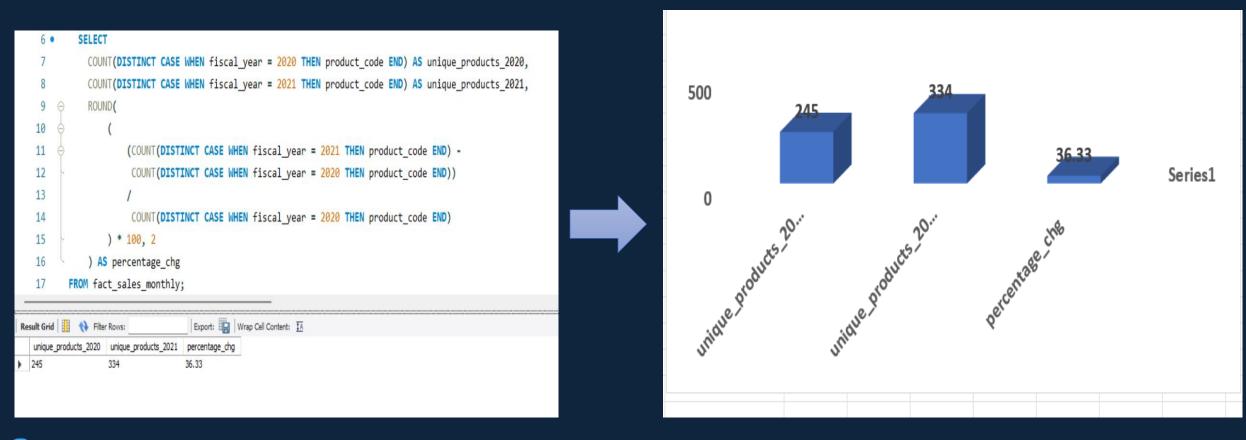
Insight:

Atliq Exclusive operates in 8 distinct markets within the APAC region, including India, Indonesia, Japan, Philippines, South Korea, Australia, New Zealand, and Bangladesh.

This demonstrates the company's **broad regional presence and diversified market reach** across Asia-Pacific, suggesting strategic focus on this high-growth area.



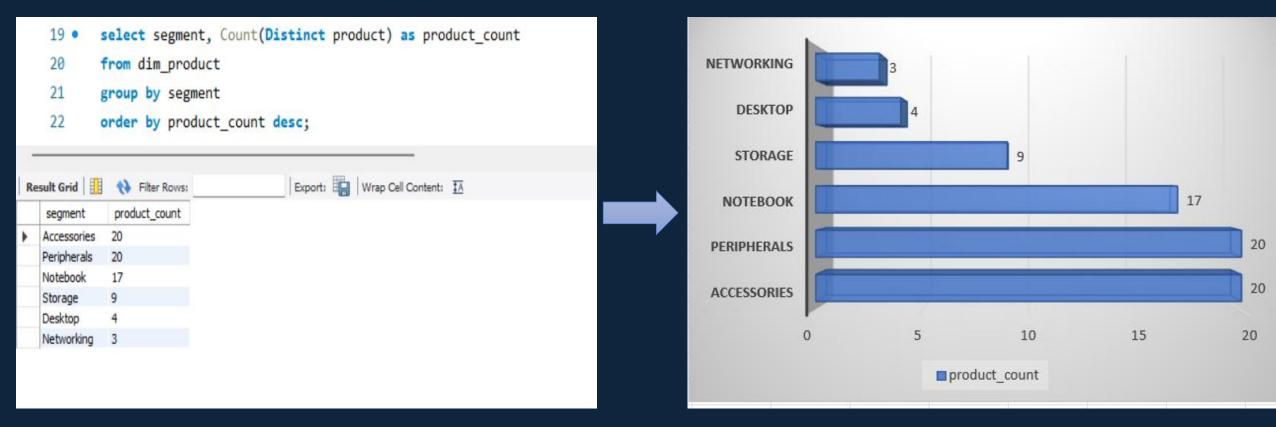
Q2.What is the percentage of unique product increase in 2021 vs. 2020? The final output contains these fields unique\_products\_2020, unique\_products\_2021, percentage chg



Insight; The number of unique products increased from 245 in 2020 to 334 in 2021, reflecting a 36.33% growth. This suggests a strategic expansion in product variety, possibly aimed at meeting evolving customer demands or tapping into new market segments.



Q3. 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

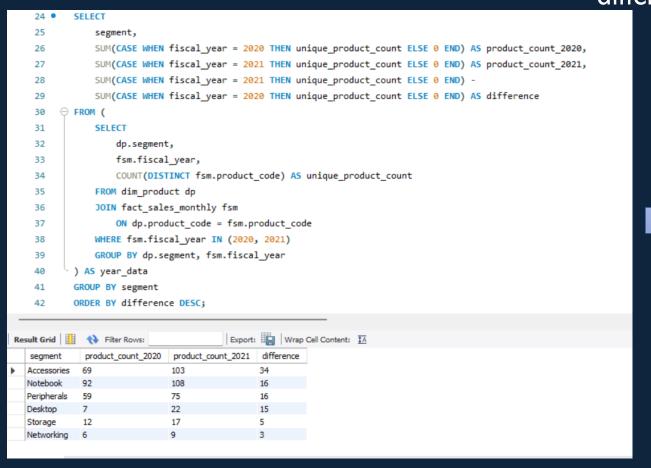


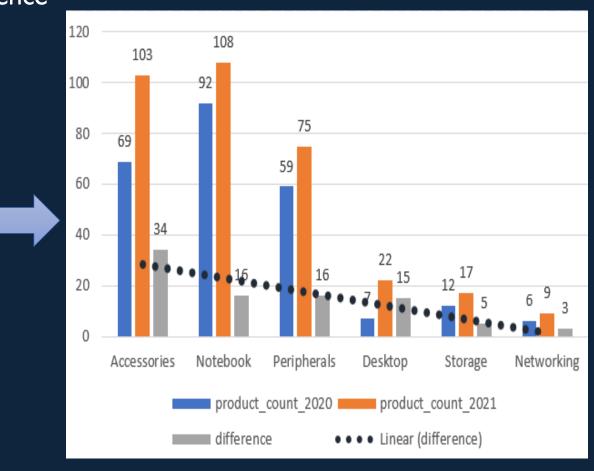
## Insight:

The segments with the highest number of unique products are **Accessories** and **Peripherals** (20 each), followed by **Notebook** (17). This highlights a focus on supporting devices and mobile computing. The **Networking** and **Desktop** segments have the lowest counts, indicating less product diversity or lower strategic priority.



Q4. 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

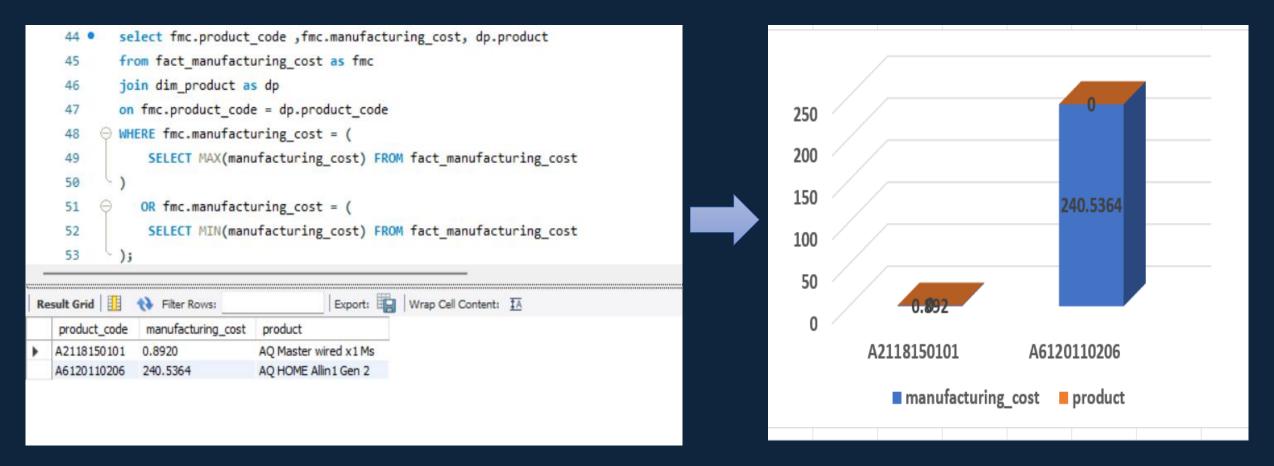




**Insight:** Accessories segment had the highest growth with 34 additional unique products (69 $\rightarrow$ 103), representing a 49% increase from 2020 to 2021.



Q5. Get the products that have the highest and lowest manufacturing costs. The final output should contain these fields product code, product & manufacturing cost



## Insight:

The product with the **lowest manufacturing cost** is **AQ Master Wired x1 Ms** at \$0.89, while the **highest cost** is for **AQ HOME Allin1 Gen 2** at \$240.54. This stark contrast suggests a wide range in production complexity and value positioning, from basic peripherals to high-end integrated systems.



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. The final output contains these fields customer code, customer & average discount percentage



• Insight: Flipkart leads with the highest average pre-invoice discount of 30.83%, followed closely by Viveks (30.38%), Ezone (30.28%), Croma (30.25%), and Amazon (29.33%) in the Indian market for fiscal year 2021.



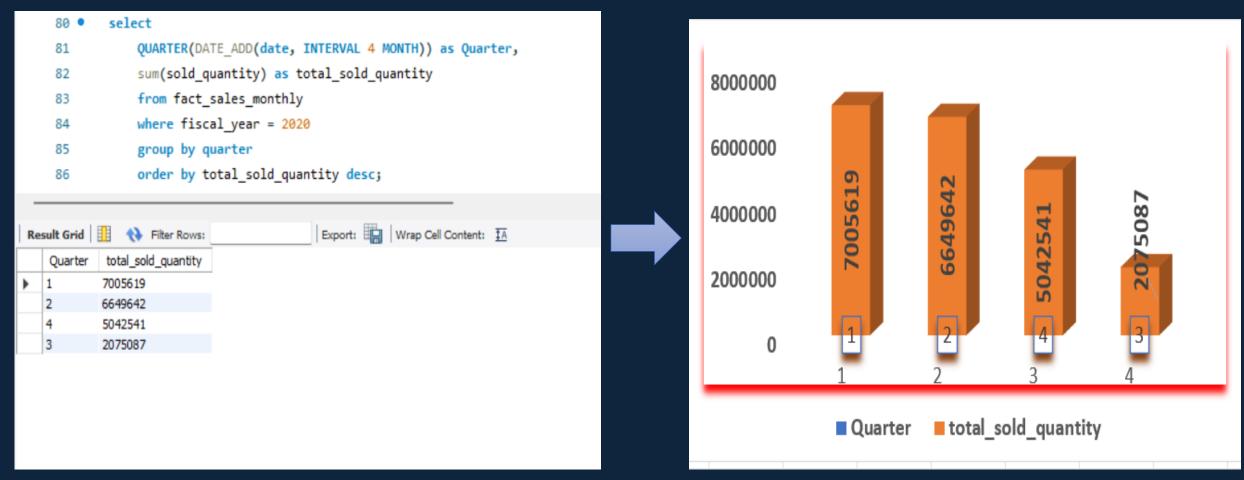
Q7. Get the complete report of the Gross sales amount for the customer "Atliq Exclusive" for each month. This analysis helps to get an idea of low and high-performing months and take strategic decisions. The final report contains these columns: Month, Year & Gross sales Amount



Insight: Atliq Exclusive demonstrates strong seasonal performance with November 2019 generating the highest gross sales of ₹75.2M, while September 2020 shows the lowest at ₹12.4M, indicating significant monthly volatility requiring demand forecasting and inventory planning.



Q8. 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

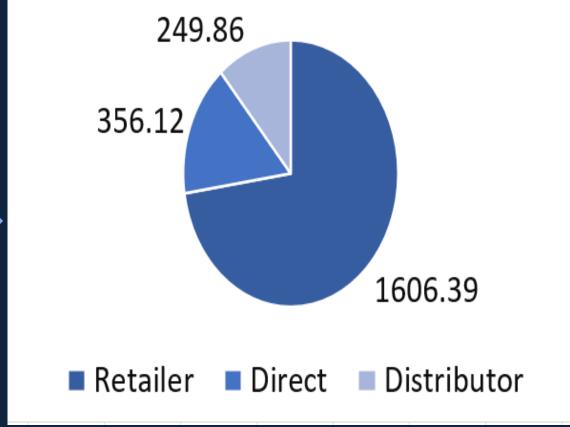


• Insight: Q1 2020's dominance with 7M+ units sold suggests strong year-opening momentum, but the declining trend through Q2-Q4 indicates potential market saturation or competitive pressure requiring strategic intervention



Q9. 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

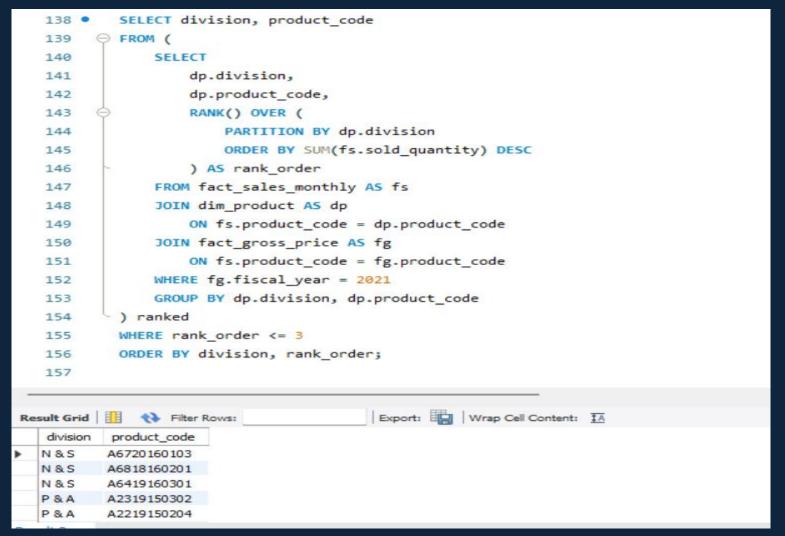




🔍 Insight: Retailer channel's 72.6% market dominance reveals heavy dependence on retail partnerships, creating both leverage opportunities and risk concentration that requires channel diversification strategy.



Q10. 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



Insight: The ranking methodology successfully segments top performers by division, enabling focused product portfolio optimization and resource allocation for high-performing SKUs like A6720160103 in N&S division.

