

ATLIQ HARDWARE

DOMAIN : CONSUMER GOODS | FUNCTION: EXECUTIVE MANAGEMENT



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

OUTPUT

Market
India
Indonesia
Japan
Philippines
South Korea
Australia
Newzealand
Bangladesh

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`

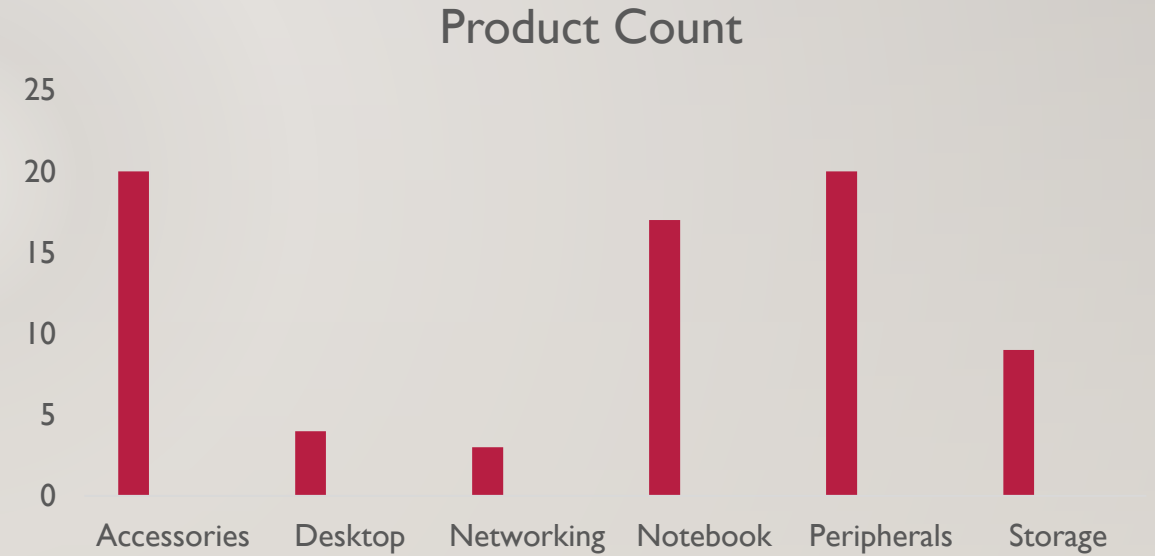
OUTPUT

<code>unique_products_2020</code>	<code>unique_products_2021</code>	<code>percentage_chg</code>
245	334	36.3265

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

OUTPUT

segment	product_count
Accessories	20
Desktop	4
Networking	3
Notebook	17
Peripherals	20
Storage	9

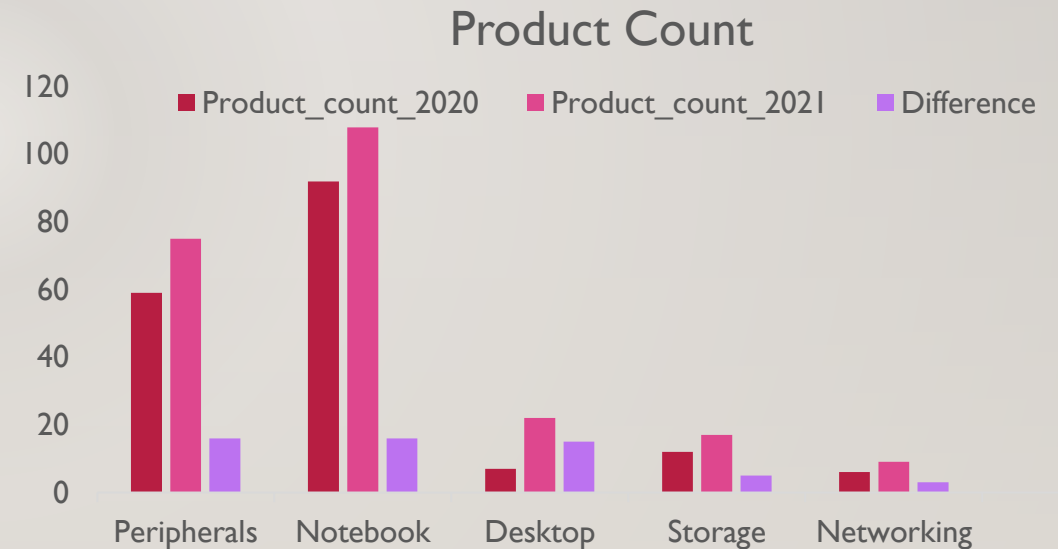


4. Which segment had the most increase in unique products in 2021 vs 2020? The final output contains these fields.

segment ,product_count_2020, product_count_2021, difference

OUTPUT

Segment	Product_count_2020	Product_count_2021	Difference
Peripherals	59	75	16
Notebook	92	108	16
Desktop	7	22	15
Storage	12	17	5
Networking	6	9	3



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

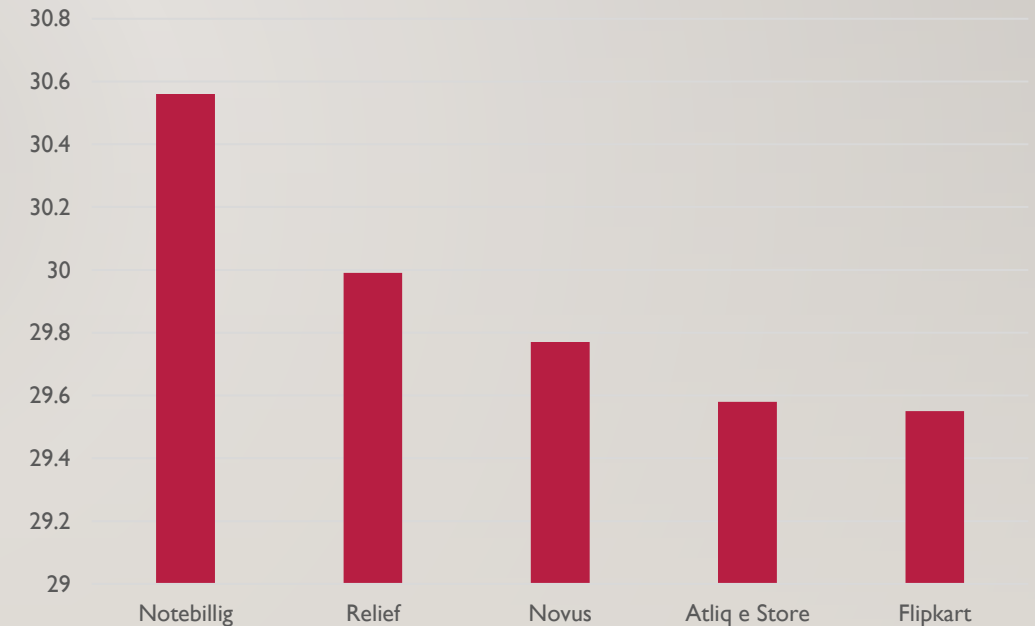
OUTPUT

product_code	product	manufacturing_cost
A2118150101	AQ Master wired x1 Ms	0.8920
A6120110206	AQ HOME Allin1 Gen 2	240.5364

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

OUTPUT

customer_code	customer	average_discount_percentage
90012035	Notebillig	30.56
90023026	Relief	29.99
80006155	Novus	29.77
70021096	Atliq e Store	29.58
90002009	Flipkart	29.55



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

OUTPUT

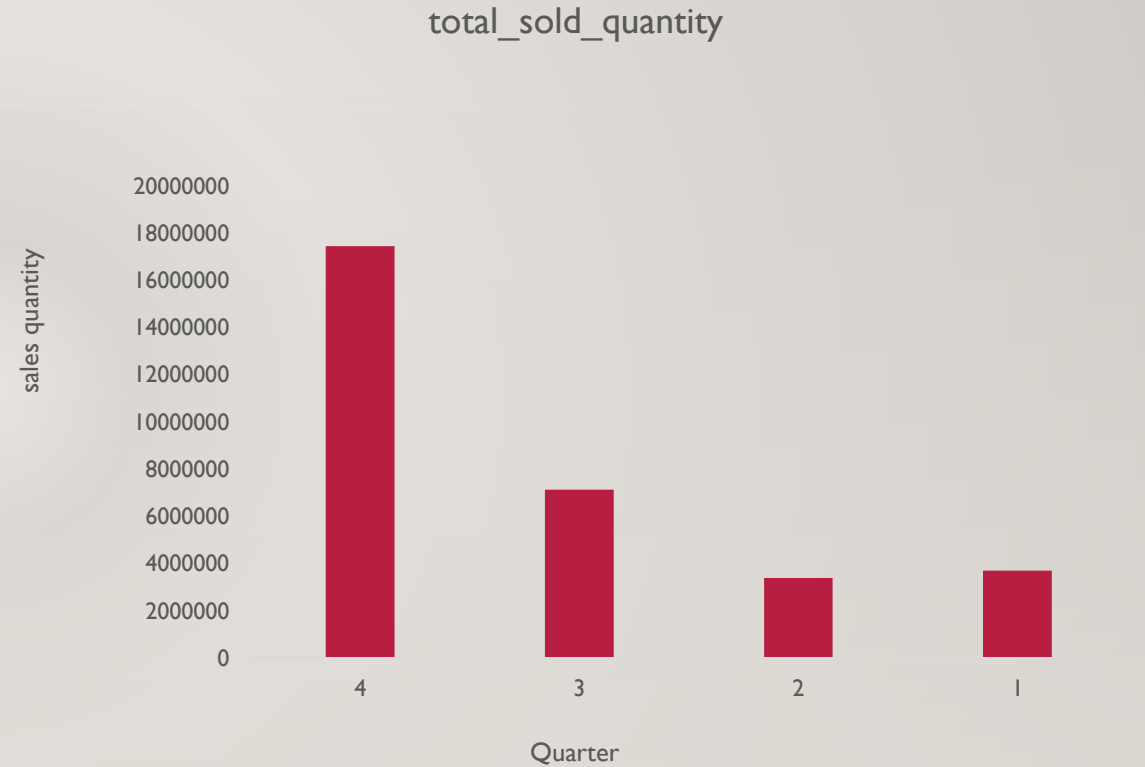


8. In which quarter of 2020, got the maximum total_sold_quantity? The final output contains these fields sorted by the total_sold_quantity

Quarter and total_sold_quantity

OUTPUT

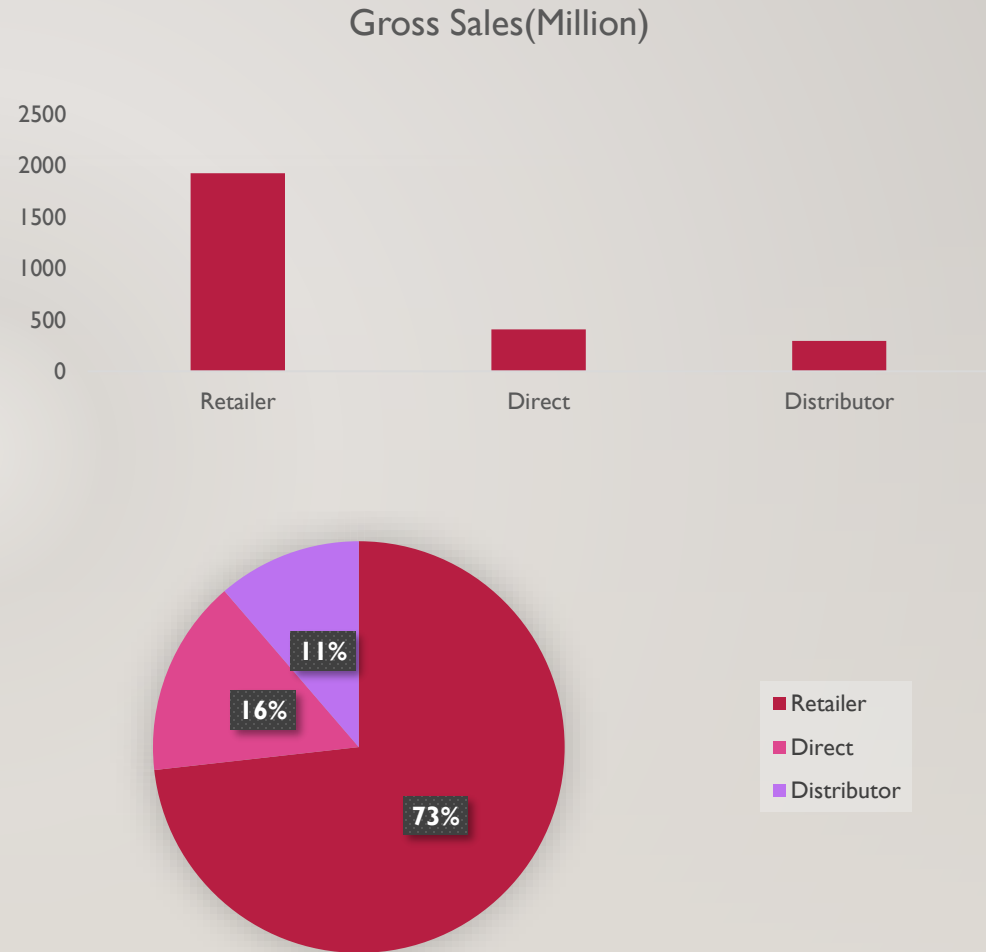
Quarter	total_sold_quantity
4	17447125
3	7137551
2	3395899
1	3704398



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

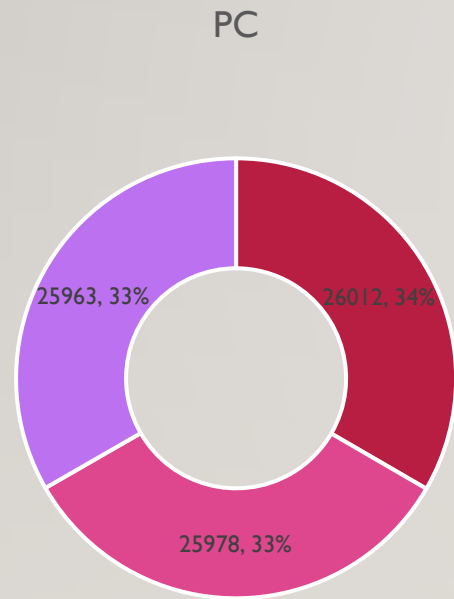
OUTPUT

channel	gross_sales_mln	percentage
Retailer	1924.17	73.22
Direct	406.69	15.47
Distributor	297.18	11.31

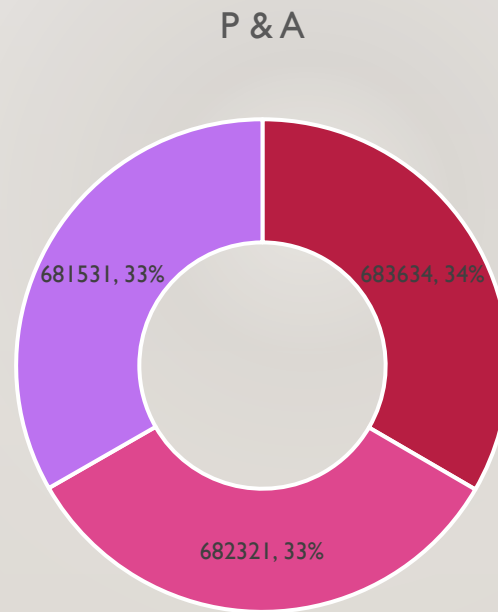


10 . Get the Top 3 products in each division that have a high total_sold_quantity in the fiscal_year 2021? The final output contains these fields. division, product_code, product, total_sold_quantity, rank_order

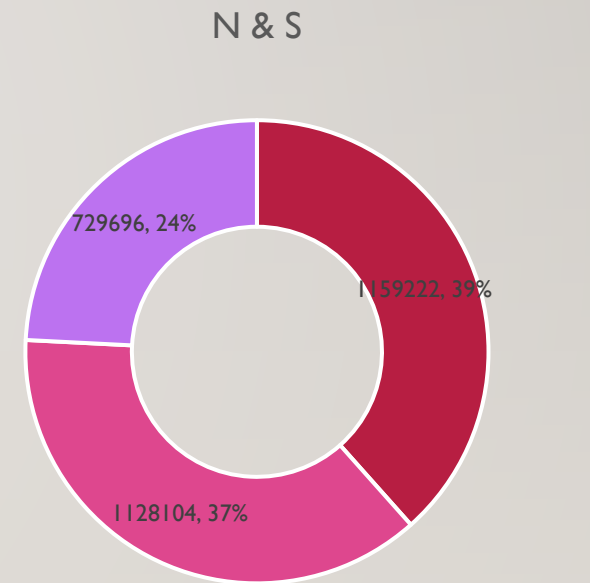
OUTPUT



■ AQ Digit ■ AQ Velocity ■ AQ Aspiren



■ AQ Gamers Ms ■ AQ Master wireless x1 Ms ■ AQ Gamers Ms



■ AQ Pen Drive 2 IN 1 ■ AQ Pen Drive DRC ■ AQ ClxI

product_code	division	product	total_sold_quantity	rank_order
A4218110202	PC	AQ Digit	26012	1
A4319110306	PC	AQ Velocity	25978	2
A4118110107	PC	AQ Aspiron	25963	3
A2319150302	P & A	AQ Gamers Ms	683634	1
A2219150204	P & A	AQ Master wireless x1 Ms	682321	2
A2319150306	P & A	AQ Gamers Ms	681531	3
A6720160103	N & S	AQ Pen Drive 2 IN 1	1159222	1
A6818160201	N & S	AQ Pen Drive DRC	1128104	2
A6419160301	N & S	AQ Clx1	729696	3

THANK YOU