



Codebasics

SQL Challenge

AD HOC REQUEST

Markets
India
Indonesia
Japan
Philippines
South Korea
Australia
Newzealand
Bangladesh

☐ Show all | Number of rows: 25

+ Options

market

India

Indonesia

Japan

Philippines

South Korea

Australia

Newzealand

Bangladesh

QUESTION 1

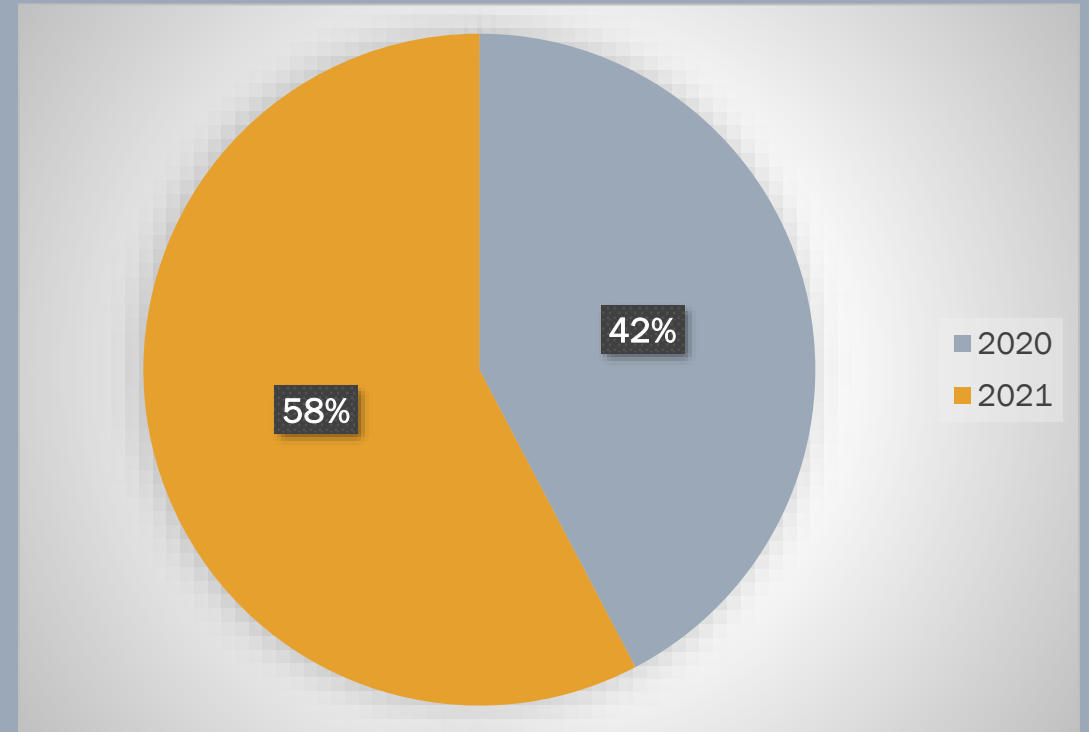
PROVIDE THE LIST OF MARKETS IN WHICH CUSTOMER "ATLIQ EXCLUSIVE" OPERATES ITS BUSINESS IN THE APAC REGION.

[Edit inline] [Edit] [Create PHP code]

+ Options

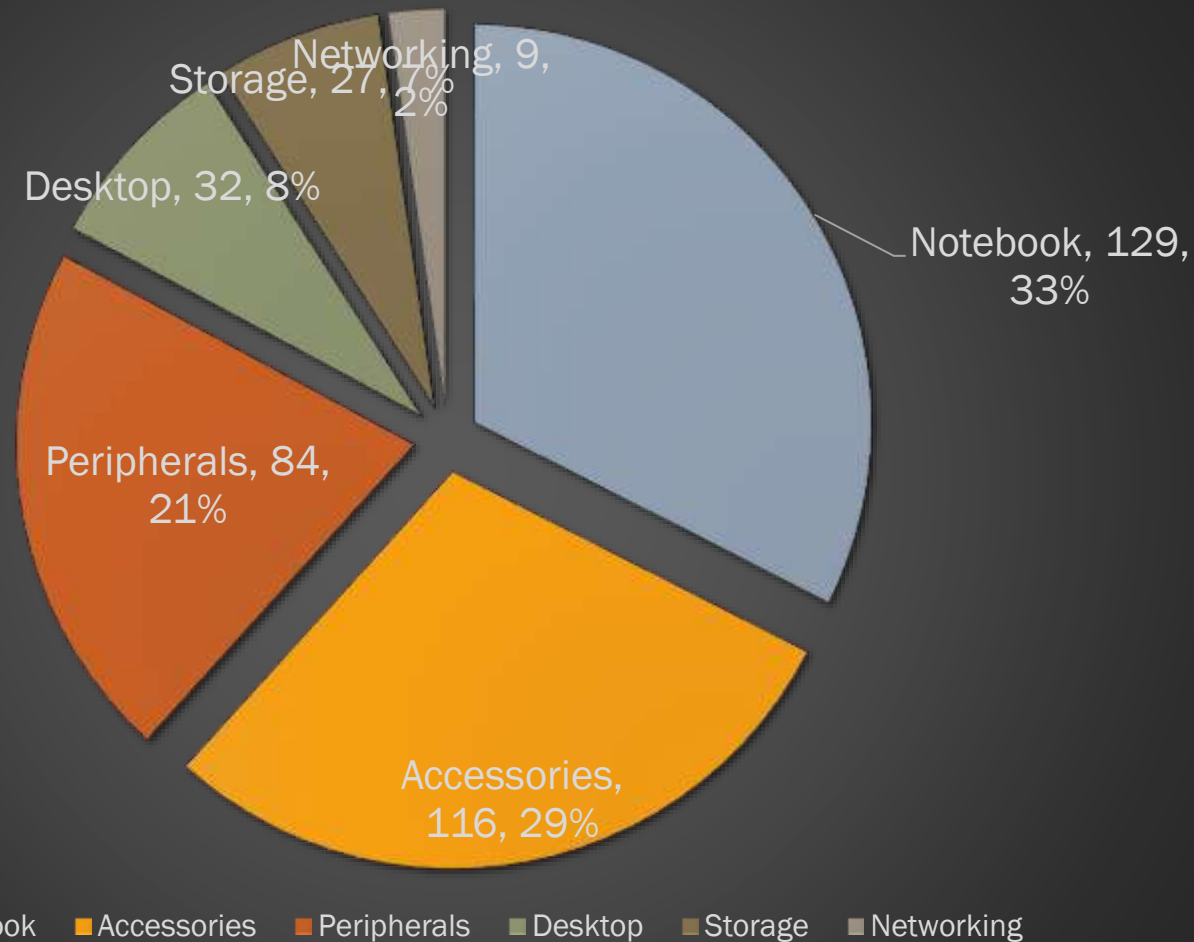
unique_products_2020	unique_products_2021	percentage_change
245	334	36.3265

Query results operations



QUESTION 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



☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create]

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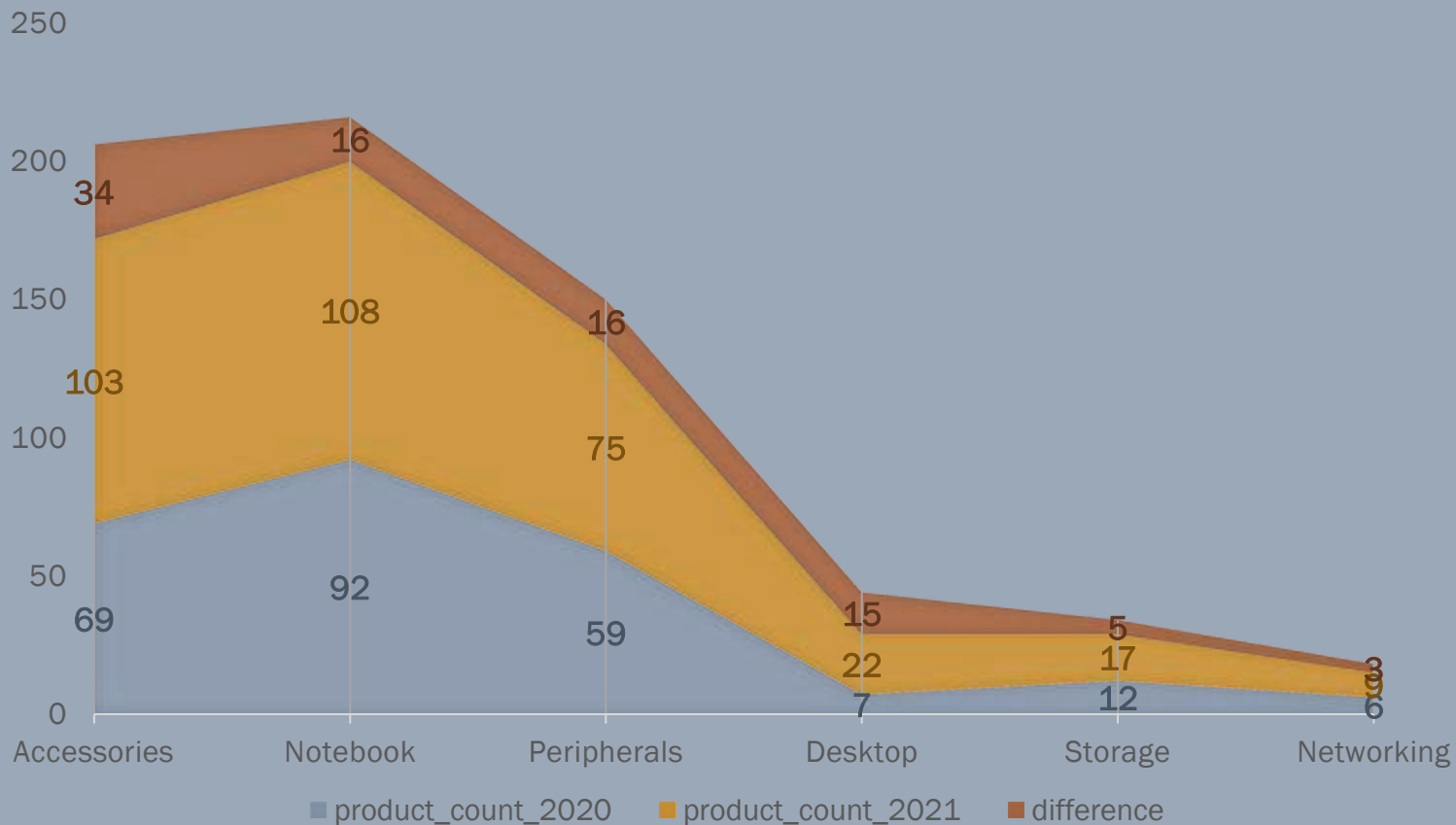
segment	product_count ▼ 1
Notebook	129
Accessories	116
Peripherals	84
Desktop	32
Storage	27
Networking	9

QUESTION 3

1. 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

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segment	product_count_2020	product_count_2021	difference
Accessories	69	103	34
Desktop	7	22	15
Networking	6	9	3
Notebook	92	108	16
Peripherals	59	75	16
Storage	12	17	5



QUESTION 4

1. 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

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product_code	product	Cost
A2118150101	AQ Master wired x1 Ms	0.89
A6120110206	AQ HOME Allin1 Gen 2	240.54

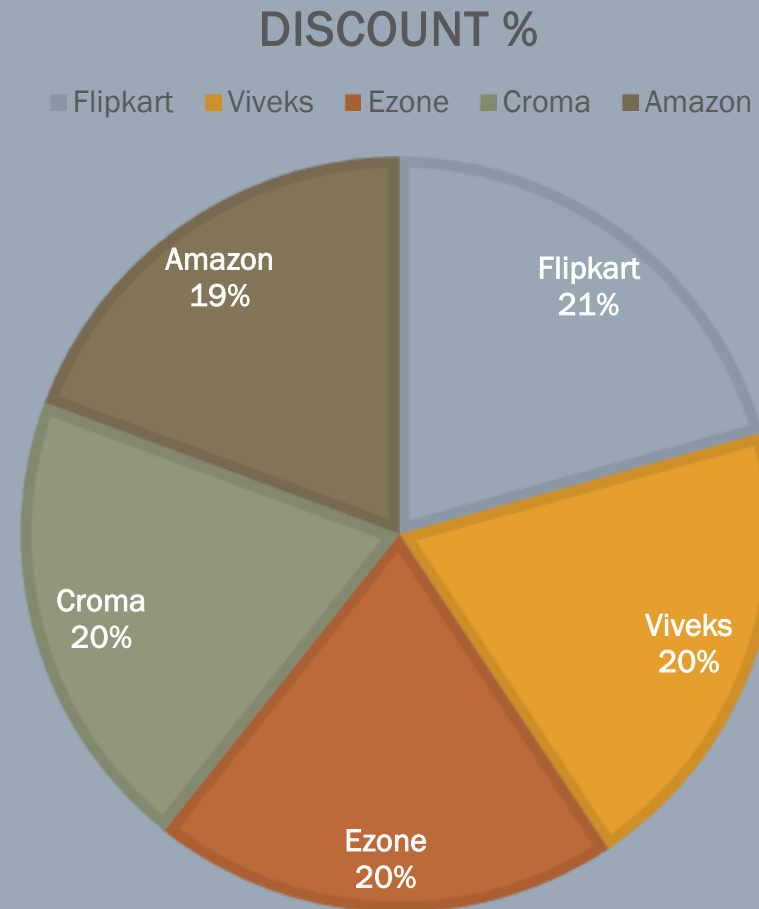
QUESTION 5

1. GET THE PRODUCTS THAT HAVE THE HIGHEST AND LOWEST MANUFACTURING COSTS. THE FINAL OUTPUT SHOULD CONTAIN THESE FIELDS, PRODUCT_CODE PRODUCT MANUFACTURING_COST

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customer_code	customer	average_discount_percentage
90002009	Flipkart	0.31
90002006	Viveks	0.30
90002003	Ezone	0.30
90002002	Croma	0.30
90002016	Amazon	0.29

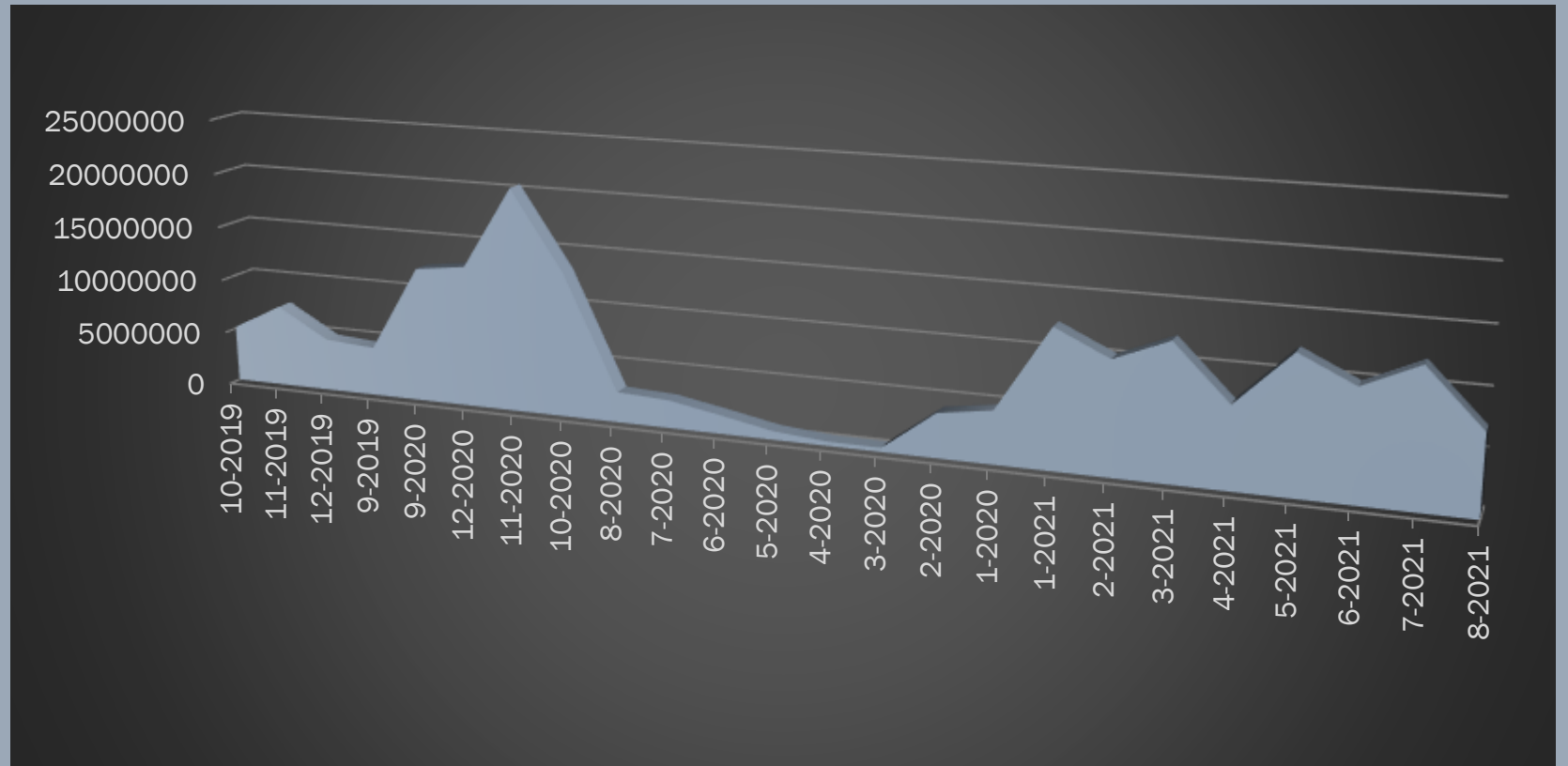
Query results operations



QUESTION 6

1. 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

month	year	Gross sales Amount
10	2019	5135902
11	2019	7522893
12	2019	4830405
9	2019	4496260
9	2020	12353510
12	2020	12944660
11	2020	20464999
10	2020	13218636
8	2020	2786648
7	2020	2551159
6	2020	1695217
5	2020	783813.4
4	2020	395035.4
3	2020	378771
2	2020	3996228
1	2020	4740600
1	2021	12399393
2	2021	10129736
3	2021	12144061
4	2021	7312000
5	2021	12150225
6	2021	9824521
7	2021	12092346
8	2021	7178708



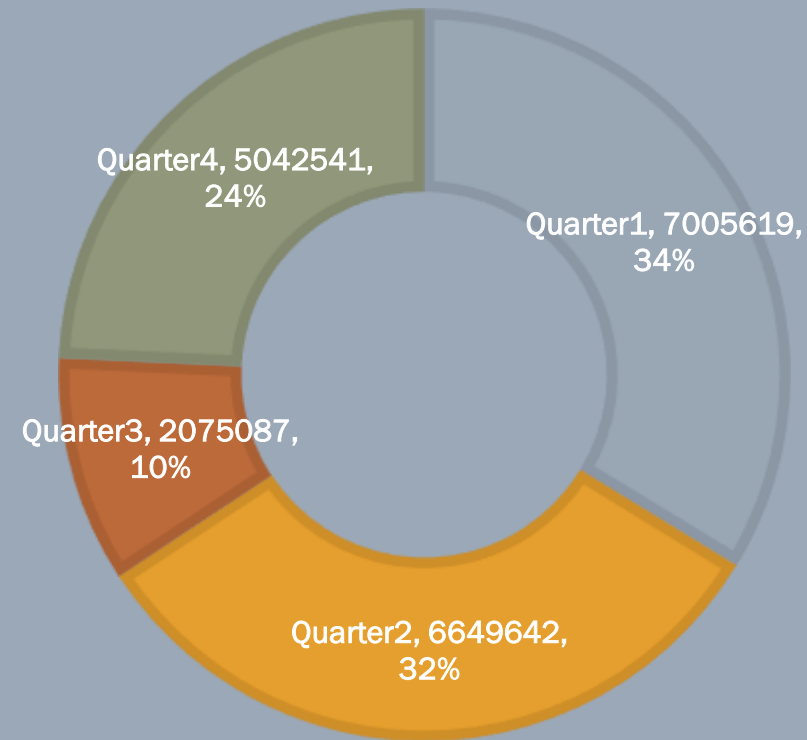
QUESTION 7

1. 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.
2. THE FINAL REPORT CONTAINS THESE COLUMNS: MONTH YEAR GROSS SALES AMOUNT

Quarter	total_sold_quantity
Quarter1	7005619
Quarter2	6649642
Quarter3	2075087
Quarter4	5042541

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SOLD_QUANTITY



QUESTION 8

1. IN WHICH QUARTER OF 2020, GOT THE MAXIMUM TOTAL_SOLD_QUANTITY? THE FINAL OUTPUT CONTAINS THESE FIELDS SORTED BY THE TOTAL_SOLD_QUANTITY,
2. QUARTER TOTAL_SOLD_QUANTITY

[Edit inline] [Edit] [Create PHP code]

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channel	gross_sales_mln	Percentage
Direct	406.69	15.48
Distributor	297.18	11.31
Retailer	1924.17	73.22



QUESTION 9

1. WHICH CHANNEL HELPED TO BRING MORE GROSS SALES IN THE FISCAL YEAR 2021 AND THE PERCENTAGE OF CONTRIBUTION? THE FINAL OUTPUT CONTAINS THESE FIELDS,
2. CHANNEL GROSS_SALES_MLN PERCENTAGE

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division	product	product_code	Total_sold_quantity	Rank_order
N & S	AQ Pen Drive 2 IN 1	A6720160103	701373	1
N & S	AQ Pen Drive DRC	A6818160202	688003	2
N & S	AQ Pen Drive DRC	A6819160203	676245	3
P & A	AQ Gamers Ms	A2319150302	428498	1
P & A	AQ Maxima Ms	A2520150501	419865	2
P & A	AQ Maxima Ms	A2520150504	419471	3
PC	AQ Digit	A4218110202	17434	1
PC	AQ Velocity	A4319110306	17280	2
PC	AQ Digit	A4218110208	17275	3

QUESTION 10

1. 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,
2. DIVISION PRODUCT_CODE PRODUCT TOTAL_SOLD_QUANTITY RANK_ORDER

Thanks 😊

- KANNAN N