

Elevating Data-Driven Decisions: The SQL Challenge Initiative

Assessing Technical and Soft Skills for Junior
Data Analyst Recruitment at Atliq Hardwares

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

Australia

Bangladesh

India

India

Indonesia

Japan

Newzealand

Philippines

South Korea

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

Uniqu_2020	Unique_2021	Percentage change
245	334	36.33

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

Accessories	116
Peripherals	84
Desktop	32
Storage	27
Networking	9

Which segment
had the most
increase in
unique products
in 2021 vs 2020?

<u>SEGMENT</u> ACCESSORIES	<u>PRODUCT</u> <u>COUNT 2020</u> 69	<u>PRODUCT</u> <u>COUNT 2021</u> 103	<u>DIFFERENCE</u> 34
Desktop	7	22	15
Networking	6	9	3
Notebook	92	108	16
Peripherals	59	75	16
Storage	12	17	5

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

<u>Product code</u> A6120110206	<u>product</u> AQ HOME Allin1 Gen 2	<u>Manufacturing cost</u> 240.5364
A2118150101	AQ Master wired x1 Ms	0.8920

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.

<u>Customer code</u>	<u>Customer</u>	<u>Average discount percentage</u>
90002009	Flipkart	30.83000
90002006	Viveks	30.38000
90002003	Ezone	30.28000
90002002	Croma	30.25000
90002016	Amazon	29.33000

In which
quarter of
2020, got the
maximum total
sold quantity?

Quarters	Total sold quantity
[2] December2019	3184205
[1]November2019	3050825
[1]October2019	2190792
[4] August2020	1790193
[1]September2019	1764002
[2] January2020	1762652
[2] February2020	1702785
[4] July2020	1692575
[4] June2020	1559773
[3] May2020	1016170
[3] April2020	819956
[3] March2020	238961

Get the Top 3 products in each division that have a high total sold quantity in the fiscal year 2021?

Division	Product code	Product	Total sold quantity	Rank order
N & S	A6720160103	AQ Pen Drive 2 IN 1	701373	1
N & S	A6818160202	AQ Pen Drive DRC	688003	2
N & S	A6819160203	AQ Pen Drive DRC	676245	3
P & A	A2319150302	AQ Gamers Ms	428498	1
P & A	A2520150501	AQ Maxima Ms	419865	2
P & A	A2520150504	AQ Maxima Ms	419471	3
PC	A4218110202	AQ Digit	17434	1
PC	A4319110306	AQ Velocity	17280	2
PC	A4218110208	AQ Digit	17275	3