



SALES & FINANCE EXCEL REPORT

AtliQ Hardwares

FILTERS
region All
division All

Market Performance vs Target
All values are in USD

Customers	2019	2020	2021	2021 - Target	%
Australia	3.9M	10.7M	21.0M	-2.2M	-9.5%
Austria		0.1M	2.8M	-0.3M	-10.5%
Bangladesh	0.5M	2.3M	7.0M	-0.7M	-9.3%
Canada	4.8M	12.2M	35.1M	-5.1M	-12.6%
China	1.4M	5.4M	22.9M	-2.1M	-8.3%
France	4.0M	7.5M	25.9M	-2.2M	-7.8%
Germany	2.6M	4.7M	12.0M	-1.5M	-11.3%
India	30.8M	49.8M	161.3M	-9.6M	-5.8%
Indonesia	2.5M	6.2M	18.4M	-2.4M	-11.5%
Italy	2.9M	4.5M	11.7M	-1.0M	-8.2%
Japan		1.9M	7.9M	-0.3M	-4.0%
Netherlands	0.2M	3.4M	8.0M	-0.7M	-7.6%
Newzealand		2.0M	11.4M	-1.4M	-11.0%
Norway		2.5M	13.7M	-1.4M	-9.5%
Pakistan	0.4M	4.7M	5.7M	0.5M	8.5%

AtliQ Hardwares

FILTERS
region All
division All
customer All

Top 10 Products
All values in USD

Products	2020	2021	21 vs 20
AQ Electron 4 3600 Desktop Processor	3.0M	19.4M	541.3%
AQ GT 21	0.8M	4.4M	461.1%
AQ Home Allin1	0.7M	5.2M	669.0%
AQ LION x1	0.0M	0.8M	1619.5%
AQ LION x2			
AQ LION x3			
AQ Mx NB			
AQ Pen Drive DRC			
AQ Smash 2			
AQ Zion Saga			
Grand Total			

AtliQ Hardwares

FILTERS
region All
customer All

Division Level Report
All values in USD

Division	2020	2021	21 vs 20
N & S	51.4M	94.7M	84.4%
P & A	105.2M	338.4M	221.5%
PC	40.1M	165.8M	313.7%
Grand Total	196.7M	598.9M	204.5%

Agenda

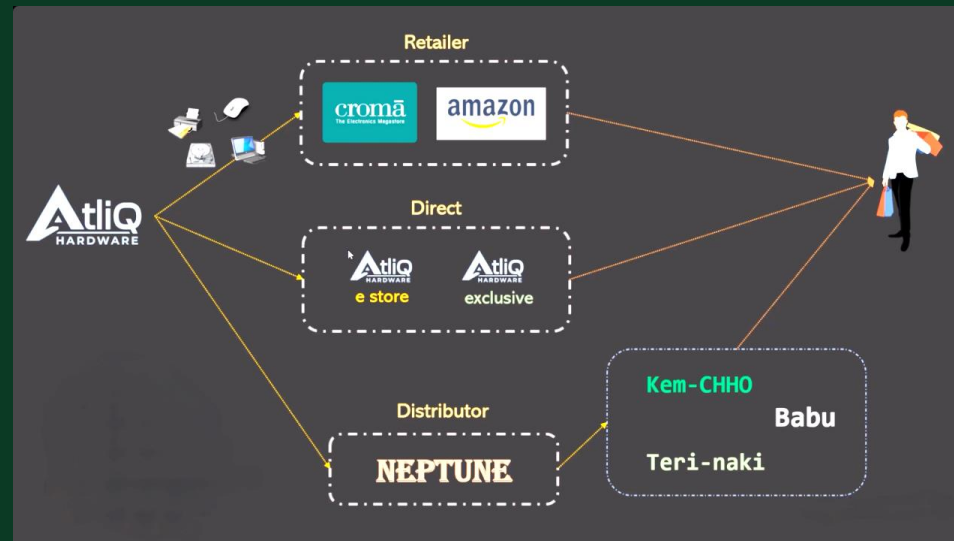
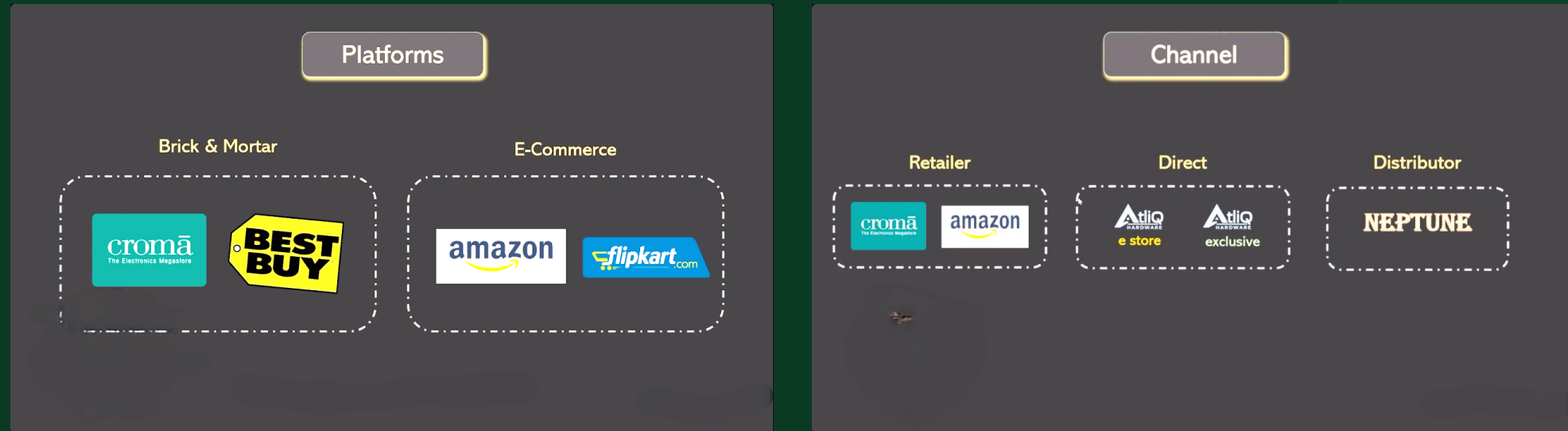
- Introduction
- Business Model
- Problem Statement
- Data Source and Tools
- Data Model & DAX Measures
- Sales & Finance Report



Introduction

AtliQ Hardware is a manufacturer that supplies hardware products (mouse, keyboard, computer, hard disk, printer) to various physical stores like Chroma, Best Buy to online platforms such as Flipkart and Amazon. **AtliQ Hardware** operate similarly to companies like Dell or HP, providing a range of competitive peripherals and accessories. While the primary customers for AtliQ are the stores, the ultimate end consumers are individuals like you and me.

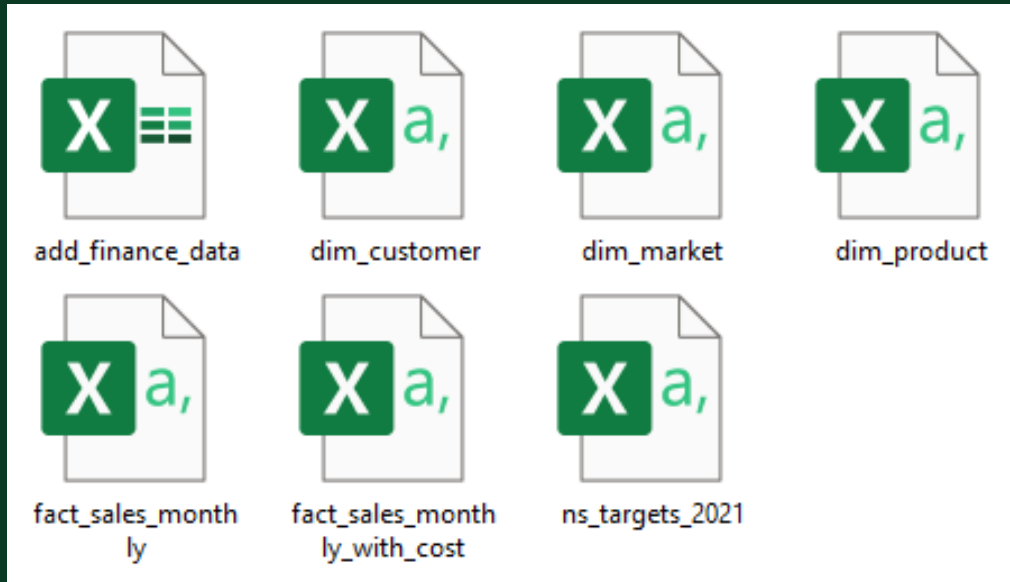
Business Model



Problem Statement

- AtliQ Hardware has encountered significant financial losses in recent years.
- The company is currently dependent on manually prepared reports, indicating a lack of efficient data processing and analysis.
- There is an urgent need for actionable insights to better inform decision-making processes.
- AtliQ Hardware is making a shift towards advanced analytics, and heavily rely on Excel for data-driven decision-making.
- Consequently, the company is in search of a data analyst to develop an Excel-based report.
- The primary focus of the analysis should be on assessing sales and financial performance.

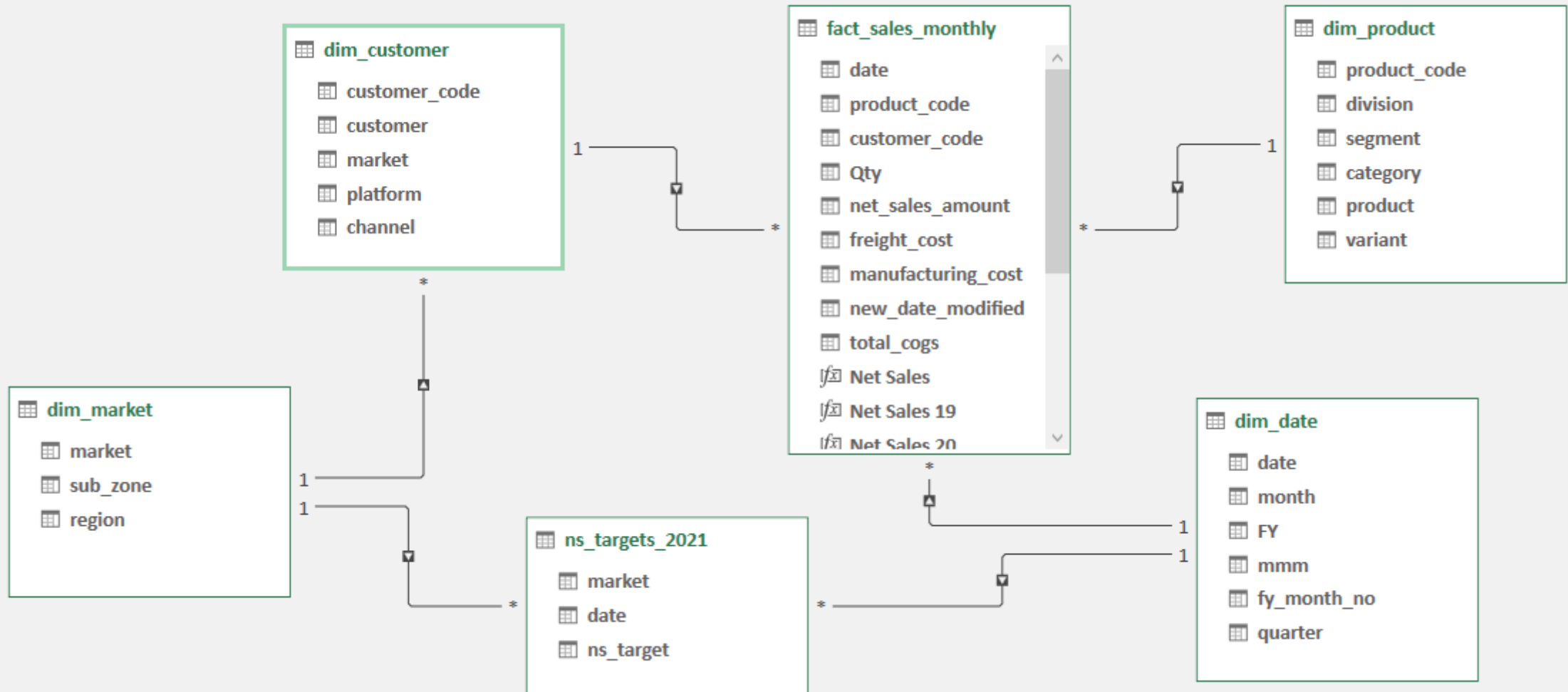
Data Source



Tools

- Power Pivot
- Power Query
- Pivot Table
- DAX Measures and Columns
- Conditional Formatting

Data Model



DAX Measures

Manage Measures		?	×
<div>New Edit Delete</div>			
Measure	Formula		
2021 - Target	[Net Sales 21] - [target21]		
2021 - Target %	DIVIDE([2021 - Target],[target21],0)		
21 vs 20	DIVIDE([Net Sales 21]-[Net Sales 20],[Net Sales 20],0)		
COGS	SUM(fact_sales_monthly[total_cogs])		
GM %	DIVIDE([Gross Margin],[Net Sales],0)		
Gross Margin	[Net Sales]-[COGS]		
Net Sales	SUM(fact_sales_monthly[net_sales_amount])		
Net Sales 19	CALCULATE([Net Sales], dim_date[FY]="2019")		
Net Sales 20	CALCULATE([Net Sales], dim_date[FY]="2020")		
Net Sales 21	CALCULATE([Net Sales], dim_date[FY]="2021")		
target21	SUM(ns_targets_2021[ns_target])		

Reports

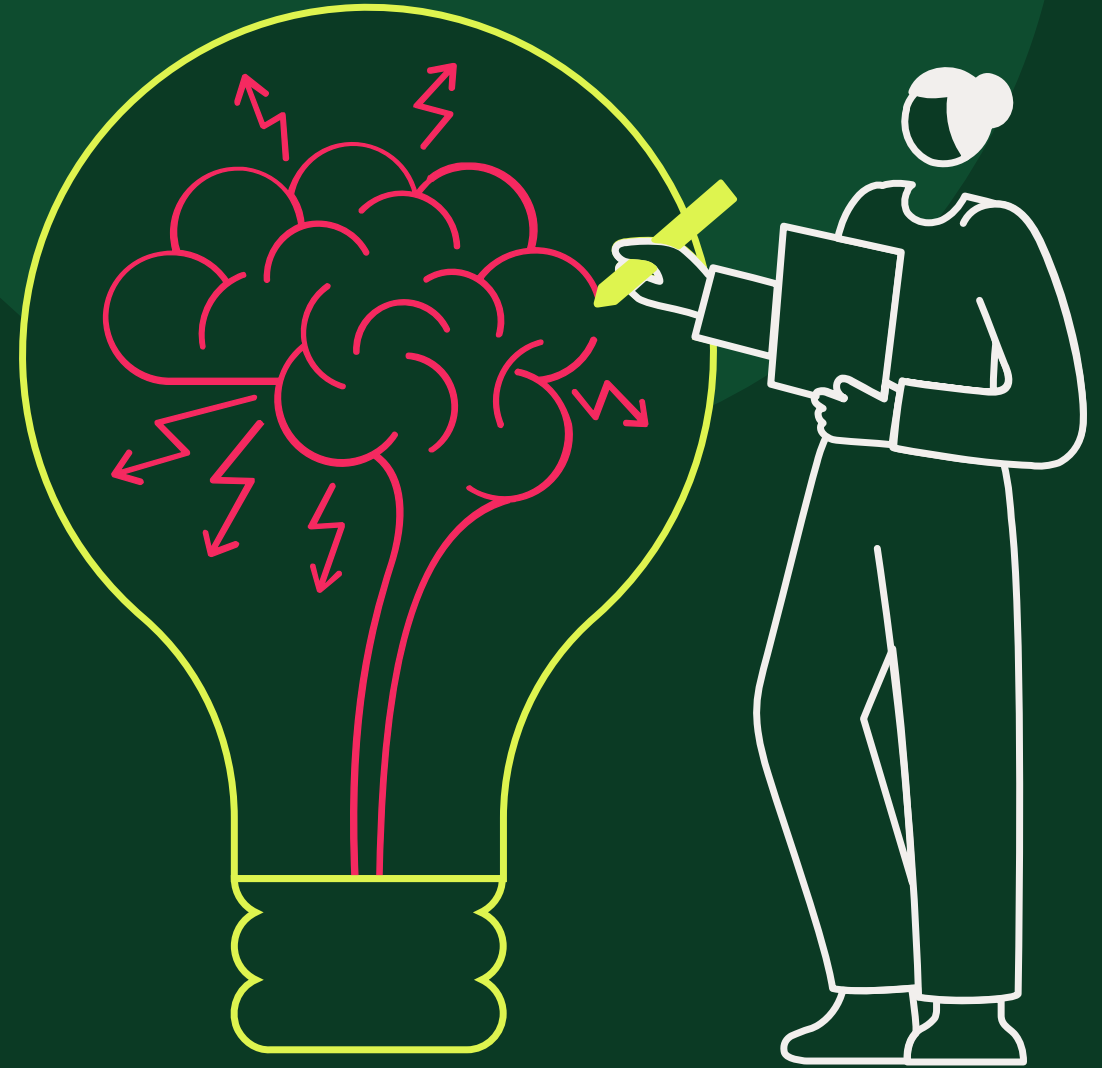
Sales

- Customer Performance Report
- Market Performance vs Target
- Top 10 Products
- Division
- Top and bottom products - QTY
- New products - 2021
- Top 5 Countries - 2021

Finance

- P & L By Year
- P & L By Months
- P & L By Markets
- GM% By Quarters (sub_zone)

Sales Report



Customer Performance Report

AtliQ Hardwares



FILTERS

region	All
market	All
division	All

Customer

Net Sales Performance

All values in USD

Customers	2019	2020	2021	21 vs 20
Acclaimed Stores	1.4M	2.9M	10.9M	278.1%
All-Out		0.2M	0.8M	395.7%
Amazon	12.2M	37.5M	82.1M	118.9%
Argos (Sainsbury's)	0.4M	0.7M	2.3M	206.0%
Atlas Stores	0.2M	0.7M	3.2M	370.3%
AtliQ e Store	7.2M	23.7M	53.0M	123.8%
AtliQ Exclusive	9.6M	17.7M	61.1M	245.8%
BestBuy	0.9M	1.8M	6.3M	256.1%
Boulanger	0.2M	0.8M	4.1M	392.9%
Chip 7	0.6M	1.3M	5.5M	316.1%
Chiptec		0.4M	3.0M	622.0%
Control	0.9M	2.2M	7.7M	249.2%
Coolblue	0.5M	1.2M	4.2M	260.0%
Costco	1.1M	2.8M	9.3M	237.4%
Croma	1.7M	2.5M	7.5M	205.1%
Currys (Dixons Carphone)	0.3M	0.8M	1.9M	146.9%
Digimarket	0.8M	1.7M	4.1M	141.1%
Ebay	2.6M	6.3M	15.2M	142.2%
Electricalsara Stores	0.1M	0.6M	1.9M	186.0%
Electricalsbea Stores		0.1M	0.7M	404.6%
Electricalslance Stores	0.1M	0.7M	2.3M	213.3%
Electricalslytical	1.8M	2.6M	11.9M	357.5%
Electricalsociety	2.3M	3.5M	12.4M	258.8%
Electricalsquipo Stores	0.2M	0.7M	3.6M	435.3%
Elite	0.4M	0.8M	4.1M	395.5%
Elkjøp	0.5M	1.3M	5.2M	291.9%
Epic Stores	0.4M	0.9M	4.2M	346.1%
Euronics	0.4M	0.9M	3.9M	344.7%
Expert	0.8M	1.8M	6.4M	264.0%
Expression	1.7M	3.0M	9.8M	228.2%
Ezone	1.5M	2.0M	7.9M	291.6%
Flawless Stores	0.1M	0.5M	1.8M	296.3%
Flipkart	2.9M	8.3M	19.3M	131.0%
Fnac-Darty	0.5M	0.8M	2.9M	249.8%
Forward Stores	0.6M	1.5M	4.1M	172.0%
Girias	1.5M	2.1M	8.7M	319.3%
Info Stores	0.1M	0.5M	1.8M	284.1%
Insight	0.4M	1.0M	2.8M	171.8%
Integration Stores		0.2M	1.4M	787.2%

AtliQ Hardwares



Leader	4.7M	6.0M	18.8M	214.8%
Logic Stores	0.2M	0.9M	4.8M	415.2%
Lotus	1.5M	2.1M	8.1M	282.6%
Neptune	1.0M	3.4M	16.1M	371.5%
Nomad Stores	0.5M	1.6M	4.0M	146.9%
Notebillig	0.2M	0.4M	1.1M	187.4%
Nova		0.0M	0.4M	2564.9%
Novus	1.9M	3.7M	9.9M	164.2%
Otto	0.3M	0.4M	1.2M	198.6%
Premium Stores	0.5M	1.1M	3.9M	253.1%
Propel	1.6M	2.5M	10.8M	340.6%
Radio Popular	0.5M	1.5M	5.3M	262.6%
Radio Shack	0.8M	1.7M	5.4M	211.5%
Reliance Digital	1.6M	2.6M	9.7M	277.9%
Relief	0.4M	1.0M	4.1M	303.6%
Sage	4.8M	6.4M	20.7M	221.5%
Saturn	0.2M	0.4M	1.2M	210.5%
Sorefoz	0.6M	1.1M	4.7M	333.6%
Sound	0.6M	1.7M	4.4M	160.3%
Staples	1.2M	2.9M	8.8M	207.0%
Surface Stores	0.1M	0.5M	2.1M	298.8%
Synthetic	1.9M	4.4M	12.2M	176.0%
Taobao	0.2M	1.3M	3.3M	148.7%
UniEuro	0.6M	1.6M	7.3M	357.0%
Vijay Sales	1.7M	2.1M	8.5M	297.8%
Viveks	1.6M	2.2M	7.8M	248.1%
walmart	1.3M	2.6M	9.7M	270.4%
Zone	0.3M	1.6M	5.3M	236.2%
Grand Total	87.5M	196.7M	598.9M	204.5%

Market Performance vs Target

AtliQ Hardwares



FILTERS

region All
division All

Market

Performance vs Target

All values are in USD

Customers	2019	2020	2021	2021 - Target	%
Australia	3.9M	10.7M	21.0M	-2.2M	-9.5%
Austria		0.1M	2.8M	-0.3M	-10.5%
Bangladesh	0.5M	2.3M	7.0M	-0.7M	-9.3%
Canada	4.8M	12.2M	35.1M	-5.1M	-12.6%
China	1.4M	5.4M	22.9M	-2.1M	-8.3%
France	4.0M	7.5M	25.9M	-2.2M	-7.8%
Germany	2.6M	4.7M	12.0M	-1.5M	-11.3%
India	30.8M	49.8M	161.3M	-9.6M	-5.6%
Indonesia	2.5M	6.2M	18.4M	-2.4M	-11.5%
Italy	2.9M	4.5M	11.7M	-1.0M	-8.2%
Japan		1.9M	7.9M	-0.3M	-4.0%
Netherlands	0.2M	3.4M	8.0M	-0.7M	-7.6%
Newzealand		2.0M	11.4M	-1.4M	-11.0%
Norway		2.5M	13.7M	-1.4M	-9.5%
Pakistan	0.6M	4.7M	5.7M	-0.5M	-8.5%
Philippines	5.7M	13.4M	31.9M	-2.5M	-7.3%
Poland	0.4M	2.8M	5.2M	-0.9M	-15.3%
Portugal	0.7M	3.6M	11.8M	-0.5M	-4.1%
South Korea	12.8M	17.3M	49.0M	-4.4M	-8.2%
Spain		1.8M	12.6M	-1.8M	-12.4%
Sweden	0.1M	0.2M	1.8M	-0.2M	-10.0%
United Kingdom	2.0M	8.1M	34.2M	-3.0M	-8.0%
USA	11.5M	31.9M	87.8M	-10.2M	-10.4%
Grand Total	87.5M	196.7M	598.9M	-54.9M	-8.4%

Top10 Products

AtliQ Hardwares



FILTERS

region All
division All
customer All

Top 10 Products

All values in USD

Products	2020	2021	21 vs 20
AQ Electron 4 3600 Desktop Processor	3.0M	19.4M	541.3%
AQ GT 21	0.8M	4.4M	461.1%
AQ Home Allin1	0.7M	5.2M	669.0%
AQ LION x1	0.0M	0.8M	1619.5%
AQ LION x2	0.1M	0.9M	1668.9%
AQ LION x3	0.1M	1.2M	1692.3%
AQ Mx NB	0.0M	1.4M	5623.5%
AQ Pen Drive DRC	0.6M	3.8M	487.7%
AQ Smash 2	0.4M	11.2M	2489.5%
AQ Zion Saga	0.7M	3.6M	428.5%
Grand Total	6.4M	52.0M	708.0%

Top and bottom products - QTY

Division

AtliQ Hardwares



FILTERS

region	All
customer	All

Division Level Report

All values in USD

Division	2020	2021	21 vs 20
N & S	51.4M	94.7M	84.4%
P & A	105.2M	338.4M	221.5%
PC	40.1M	165.8M	313.7%
Grand Total	196.7M	598.9M	204.5%

AtliQ Hardwares



FILTERS

region	All
division	All
customer	All

Top 5 Products

All values in USD

Products	Qty
AQ Gamers	3.4M
AQ Gamers Ms	4.0M
AQ Master wired x1 Ms	4.2M
AQ Master wireless x1	3.4M
AQ Master wireless x1 Ms	4.1M
Grand Total	19.0M

FILTERS

region	All
division	All
customer	All

Bottom 5 Products

All values in USD

Products	Qty
AQ Gamer 1	51.7K
AQ GEN Z	63.1K
AQ Home Allin1	15.2K
AQ HOME Allin1 Gen 2	8.9K
AQ Smash 2	36.0K
Grand Total	174.9K

New products - 2021

Top 5 Countries - 2021

AtliQ Hardwares



FILTERS

region	All
division	All
customer	All

New products - 2021

All values in USD

Products	2020	2021
AQ Clx3		4.4M
AQ Electron 3 3600 Desktop Processor		14.2M
AQ Gen Y		19.5M
AQ GEN Z		11.7M
AQ HOME Allin1 Gen 2		3.5M
AQ Lumina Ms		4.2M
AQ Marquee P3		4.9M
AQ Marquee P4		1.7M
AQ Maxima Ms		13.7M
AQ MB Lito		2.8M
AQ MB Lito 2		2.3M
AQ Qwerty		22.0M
AQ Qwerty Ms		15.4M
AQ Trigger		20.7M
AQ Trigger Ms		17.9M
AQ Wi Power Dx3		17.2M
Grand Total		176.2M

AtliQ Hardwares



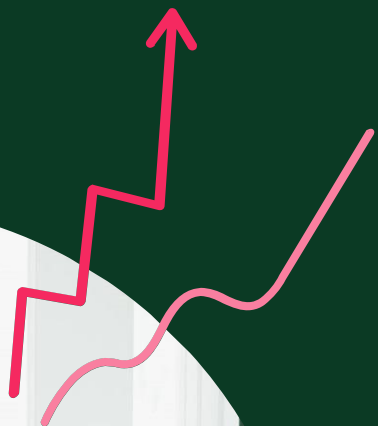
FILTERS

region	All
division	All
customer	All

Top 5 Countries - 2021

All values in USD

Country	2021
Canada	35.1M
India	161.3M
South Korea	49.0M
United Kingdom	34.2M
USA	87.8M
Grand Total	367.2M



Finance Report



P & L By Markets

P & L By Year

AtliQ Hardwares



FILTERS

region	All
customer	All
market	All
division	All

P & L

By Fiscal Year

All values in USD

Note: 21 vs 20 not part of pivot table

Metric	Fiscal Labels			
	2019	2020	2021	21 vs 20
Net Sales	87.5M	196.7M	598.9M	204.5%
COGS	51.2M	123.4M	380.7M	208.6%
Gross Margin	36.2M	73.3M	218.2M	197.6%
GM %	41.4%	37.3%	36.4%	-2.3%

AtliQ Hardwares



FILTERS

region	All
sub_zone	All
FY	2021

P & L

By Markets

All values in USD

Markets	Net Sales	COGS	Gross Margin	GM %
Australia	21.0M	14.1M	6.9M	32.9%
Austria	2.8M	2.0M	0.9M	30.1%
Bangladesh	7.0M	4.5M	2.4M	34.5%
Canada	35.1M	21.7M	13.4M	38.2%
China	22.9M	13.5M	9.4M	41.1%
France	25.9M	14.7M	11.2M	43.2%
Germany	12.0M	8.9M	3.1M	26.2%
India	161.3M	109.7M	51.6M	32.0%
Indonesia	18.4M	11.3M	7.1M	38.4%
Italy	11.7M	8.2M	3.5M	30.1%
Japan	7.9M	4.2M	3.7M	46.5%
Netherlands	8.0M	4.6M	3.4M	42.0%
Newzealand	11.4M	5.9M	5.5M	48.2%
Norway	13.7M	9.6M	4.0M	29.5%
Pakistan	5.7M	3.6M	2.0M	36.2%
Philippines	31.9M	19.4M	12.5M	39.1%
Poland	5.2M	3.0M	2.2M	42.6%
Portugal	11.8M	6.8M	5.0M	42.1%
South Korea	49.0M	31.4M	17.6M	35.9%
Spain	12.6M	8.4M	4.2M	33.1%
Sweden	1.8M	1.1M	0.7M	40.2%
United Kingdom	34.2M	18.7M	15.4M	45.1%
USA	87.8M	55.3M	32.5M	37.0%

P & L By Months

AtliQ Hardwares



FILTERS

region All
customer All
market All
division All
FY 2019

P & L

By Months

All values in USD

Note: 21 vs 20 not part of pivot table

Fiscal Labels													
	Q1			Q2		Q3			Q4			Grand Total	
Metrics	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		Aug
Net Sales	6.5M	8.0M	10.7M	11.4M	6.5M	6.1M	6.4M	6.3M	6.5M	6.2M	6.5M	6.3M	87.5M
COGS	3.8M	4.7M	6.3M	6.7M	3.9M	3.5M	3.8M	3.7M	3.8M	3.6M	3.8M	3.7M	51.2M
Gross Margin	2.6M	3.4M	4.5M	4.7M	2.7M	2.6M	2.7M	2.6M	2.6M	2.6M	2.7M	2.6M	36.2M
GM %	40.9%	42.0%	41.5%	41.4%	40.9%	41.9%	41.5%	41.4%	40.8%	42.0%	41.5%	41.4%	41.4%

region All
customer All
market All
division All
FY 2020

P & L

By Months

All values in USD

Note: Do not modify the pivot table

Fiscal Labels														Grand Total
Metrics	Q1				Q2	Q3			Q4					
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
Net Sales	17.1M	20.6M	28.7M	29.9M	17.1M	15.9M	2.1M	7.8M	9.9M	14.9M	16.1M	16.5M	196.7M	
COGS	10.6M	12.8M	18.1M	18.9M	10.7M	9.9M	1.3M	4.8M	6.2M	9.3M	10.2M	10.5M	123.4M	
Gross Margin	6.5M	7.8M	10.6M	11.0M	6.5M	6.0M	0.8M	2.9M	3.7M	5.5M	5.9M	6.1M	73.3M	
GM %	37.8%	37.8%	37.0%	36.8%	37.8%	37.7%	36.7%	37.7%	37.5%	37.3%	36.7%	36.8%	37.3%	

region All
customer All
market All
division All
FY 2021

P & L

By Months

All values in USD

Note: 21 vs 20 not part of pivot table

Fiscal Labels														Grand Total
Q1				Q2		Q3			Q4					
Metrics	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
Net Sales	44.8M	54.6M	74.3M	78.1M	44.8M	41.8M	44.0M	43.5M	44.4M	41.5M	44.0M	43.0M	598.9M	
COGS	28.4M	34.7M	47.4M	49.8M	28.4M	26.5M	28.0M	27.7M	28.1M	26.4M	28.0M	27.4M	380.7M	
Gross Margin	16.4M	19.9M	27.0M	28.3M	16.4M	15.3M	16.0M	15.8M	16.3M	15.1M	16.0M	15.6M	218.2M	
GM %	36.7%	36.5%	36.3%	36.3%	36.7%	36.5%	36.4%	36.3%	36.6%	36.4%	36.4%	36.3%	36.4%	

Net Sales Comparison

21 vs 20	162.1%	164.7%	159.1%	161.0%	161.4%	162.5%	1981.6%	461.2%	347.0%	178.6%	173.9%	160.3%	204.5%
20 vs 19	164.6%	156.6%	167.3%	161.5%	162.8%	162.0%	-67.1%	22.7%	53.1%	140.7%	148.0%	162.0%	124.8%

GM% By Quarters (sub_zone)

AtliQ Hardwares



FILTERS

FY 2019

GM% by Quarters (sub_zone)

GM % Sub Zone	Quarters Q1	Q2	Q3	Q4	Grand Total
ANZ	43.0%	42.2%	42.6%	42.5%	42.6%
India	42.5%	42.2%	42.0%	42.5%	42.4%
NA	35.1%	35.4%	35.4%	35.7%	35.4%
NE	36.6%	37.0%	36.5%	36.6%	36.7%
ROA	44.5%	44.3%	44.0%	44.5%	44.4%
SE	44.5%	44.1%	44.0%	44.2%	44.2%

FY 2020

GM % Sub Zone	Quarters Q1	Q2	Q3	Q4	Grand Total
ANZ	43.3%	43.0%	42.8%	41.8%	42.8%
India	32.3%	32.1%	32.4%	32.0%	32.2%
NA	39.9%	40.1%	39.1%	39.7%	39.8%
NE	37.6%	37.8%	38.5%	37.7%	37.8%
ROA	38.4%	38.3%	38.8%	37.7%	38.2%
SE	38.5%	37.3%	38.2%	37.8%	37.9%

FY 2021

GM % Sub Zone	Quarters Q1	Q2	Q3	Q4	Grand Total
ANZ	39.0%	37.8%	38.3%	38.0%	38.3%
India	32.3%	31.8%	31.9%	32.0%	32.0%
NA	37.1%	37.4%	37.5%	37.4%	37.3%
NE	37.9%	38.7%	38.2%	38.3%	38.3%
ROA	38.5%	38.4%	38.1%	38.1%	38.3%
SE	38.6%	38.3%	38.6%	38.5%	38.5%

Thank you

 [Subham Kumar Sahu](#)

subhamsahu1@gmail.com

