



Data Analysis Portfolio Projects

- David Bhadana

Tools and Technique used:

Power BI, Advanced Excel, ETL (Export, Transform and Load), Data visualization, Data Cleaning, Pivot tables, VLookUp, DAX, Data Modelling, Measures, Power Query, Power Pivot

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- [Clinical Trial KPIs](#)
- [E-commerce Sales Dashboard](#)
- [Road Accidents Analysis](#)
- [Electronics Sales Dashboard](#)



Clinical Trials KPI Dashboard – Power BI



Overall Health

Click to go to->



Detailed View

Sponsor

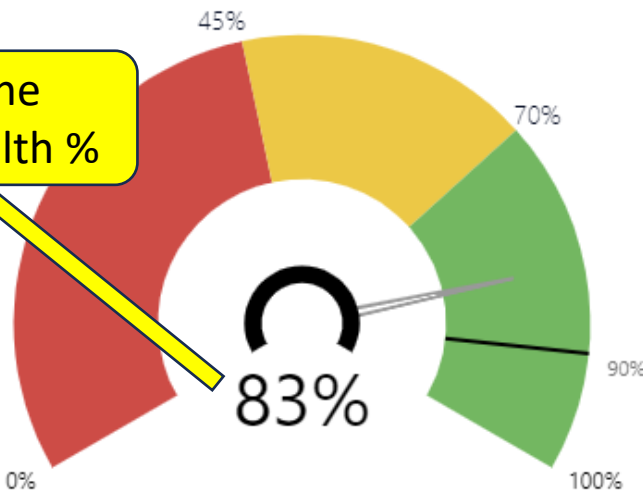
All

Project Code

All

Slicers

This is the overall health %



Total Projects in portfolio

20

Studies

CLINICAL

19 (16-3-0)

5%

TMF

19 (17-2-0)

97%

% Visit Reports On Time

19 (7-7-5)

81%

19 (4-3-12)

36%

SSU

6 (3-2-1)

90%

OPERATIONAL

9 (7-0-2)

96%

Out of 19 projects for this KPI – 17 are green, 2 are amber and 0 red

TRAINING

18 (16-1-1)

99%

18 (12-2-4)

92%

Data Management

2 (0-0-2)

80%

2 (2-0-0)

11

2 (1-1-0)

18%



Closed Action Item

Summary

PL Comments

See Raw Data

Add Comment

KPI Threshold

● >= 90% | ▲ >= 80%, < 90% | ◆ < 80%



Selected Period

From Contract start date to Sep-23

Change

All

Studies in Portfolio

20

Studies with % Action Item Closed <90 Days

19

Action Item Closed < 90 days

27534

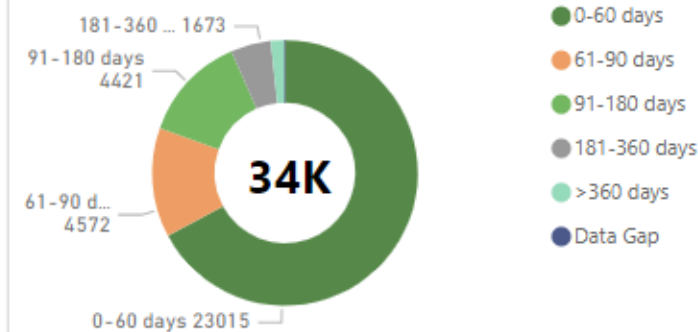
Action Item Closed

34274

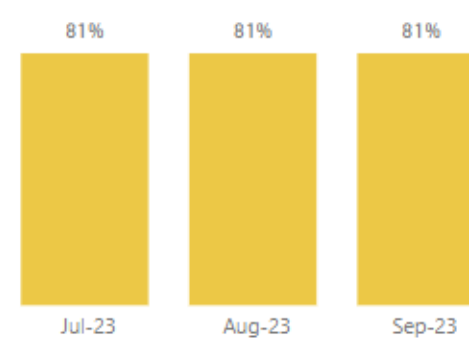
% Action Item Closed < 90 days

81%

AI Closed



% Closed AI <90 days by Month



Sponsor

All

Project Code

All

Year Month		Aug-23		Sep-23		Overall for selected period			
Project Code	Protocol ID	on Closed	% Action Item Closed < 90 days	# Action Item Closed < 90 days	# Action Item Closed	% Action Item Closed < 90 days	# Action Item Closed < 90 days	# Action Item Closed	% Action Item Closed < 90 days
475		469	69%	335	491	69%	335	491	69%
037	03	2604	87%	2323	2684	87%	2323	2684	87%
420	06	6075	81%	4969	6206	81%	4969	6206	81%
106		2048	87%	1785	2070	87%	1785	2070	87%
700		533	88%			88%	533	611	88%
771		791	94%			94%	765	814	94%
240	307	2875	93%			93%	2734	2949	93%
726		308	91%	298	326	92%	298	326	92%
896	202	3891	80%	3198	4023	80%	3198	4023	80%
048	1	549	88%	481	593	82%	481	593	82%
980	317	455	94%	459	495	93%	459	495	93%
749	19	32	72%	23	32	72%	23	32	72%
012	201	182	96%	230	245	94%	230	245	94%
Total		3245	81%	27534	34274	81%	27534	34274	81%

Detailed view of KPI on Project level for last 3 months

Studies by % Action Item Closed <90 days...

Monthly trend of KPI

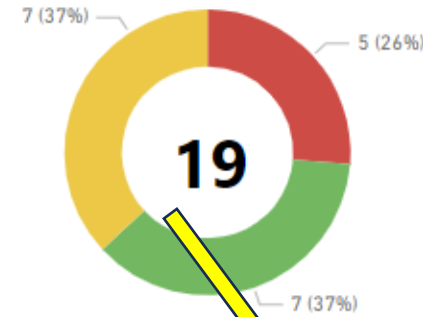


Chart showing no. of red or green studies

Electronics Sales Dashboard – Power BI



SUPERSTORE DASHBOARD

City

- ☐ Aberdeen
- ☐ Abilene
- ☐ Akron
- ☐ Albuquerque
- ☐ Alexandria
- ☐ Allen
- ☐ Allentown
- ☐ Altoona
- ☐ Amarillo
- ☐ Anaheim
- ☐ Andover
- ☐ Ann Arbor
- ☐ Antioch
- ☐ Apopka
- ☐ Apple Valley
- ☐ Appleton
- ☐ Arlington
- ☐ Arlington H...
- ☐ Arvada
- ☐ Asheville
- ☐ Athens
- ☐ Atlanta
- ☐ Atlantic City

Sum of Profit by Year and Quarter



2.30M

Sum of Sales

38K

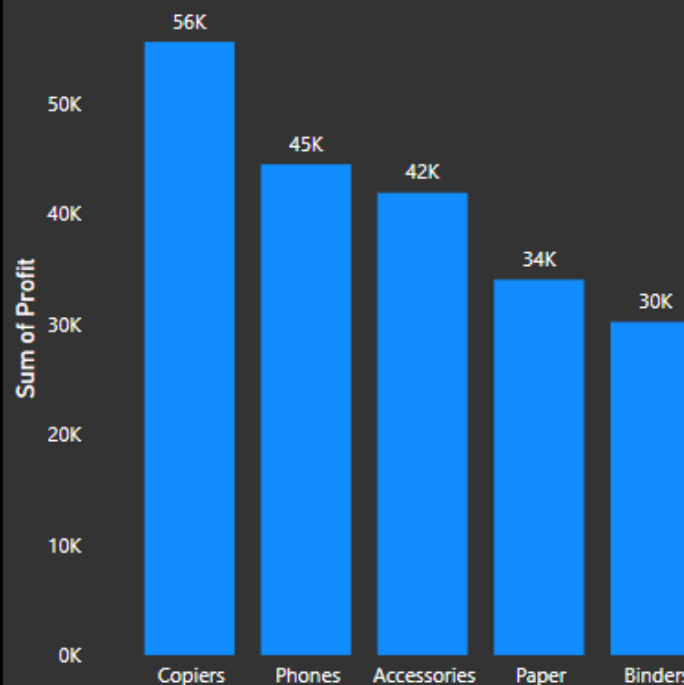
Sum of Quantity

286.40K

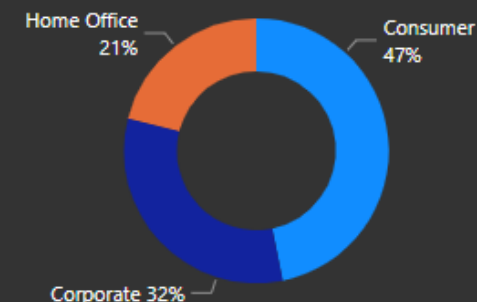
Sum of Profit

Sub-Category	Central	East	South	West
Accessories	33,956.08	45,033.37	27,276.75	61,114
Appliances	23,582.03	34,188.47	19,525.33	30,236
Art	5,765.34	7,485.76	4,655.62	9,212
Binders	56,923.28	53,498.00	37,030.34	55,961
Bookcases	24,157.18	43,819.33	10,899.36	36,004
Chairs	85,230.65	96,260.68	45,176.45	101,781
Copiers	37,259.57	53,219.46	9,299.76	49,749
Envelopes	4,636.87	4,375.87	3,345.56	4,118
Fasteners	778.03	819.72	503.32	923
Furnishings	15,254.37	29,071.38	17,306.68	30,072
Labels	2,451.47	2,602.93	2,353.18	5,078
Machines	26,797.38	66,106.17	53,890.96	42,444
Paper	17,491.90	20,172.60	14,150.98	26,663
Phones	72,403.28	100,614.98	58,304.44	98,684
Storage	45,930.11	71,612.58	35,768.06	70,532
Supplies	9,467.37	10,760.12	8,318.93	18,127
Tables	39,154.97	39,139.81	43,916.19	84,754
Total	501,239.89	678,781.24	391,721.91	725,457.

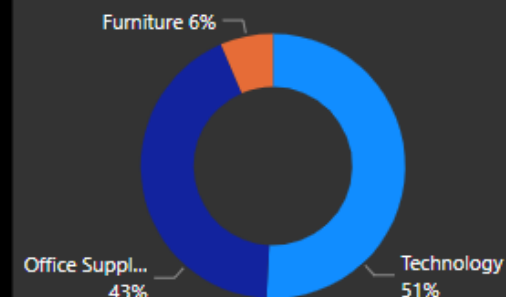
Sum of Profit by Sub-Category



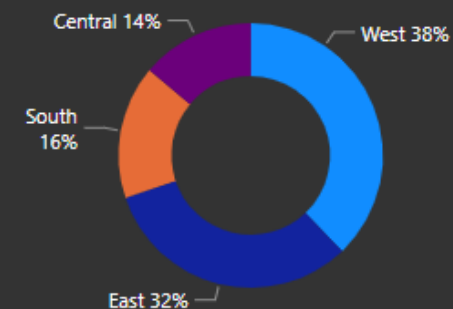
Sum of Profit by Segment



Sum of Profit by Category



Sum of Profit by Region



Goods Sales Dashboard – Power BI



GROX SALES DHASBOARD

Qtr 1

Qtr 2

Qtr 3

Qtr 4

All

5615

Sum of Quantity

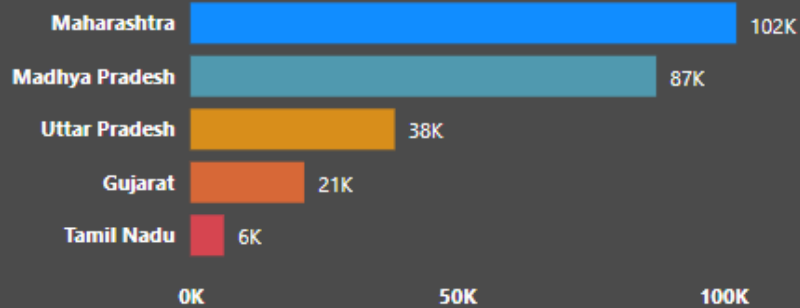
37K

Sum of Profit

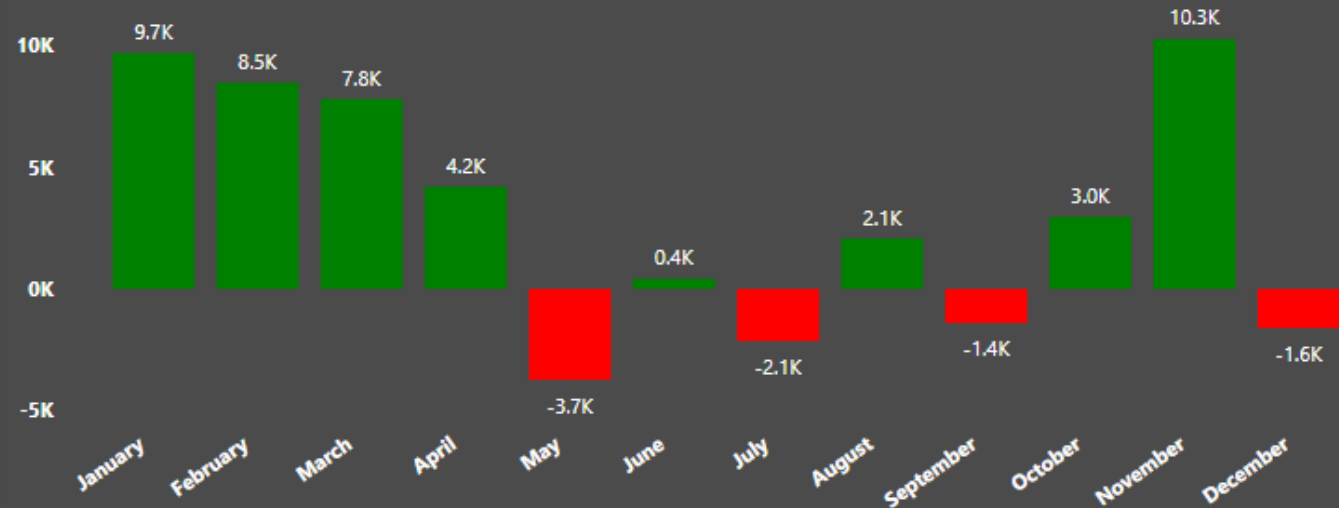
438K

Sum of Amount

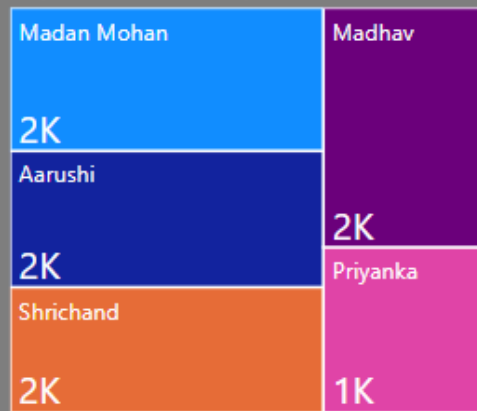
Sales by states



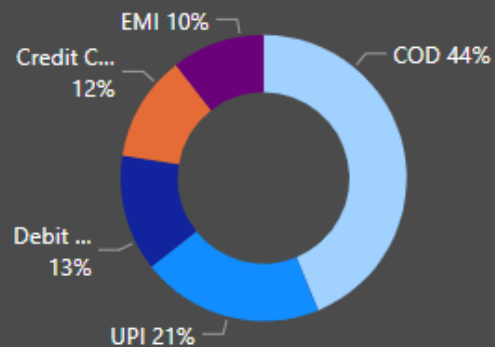
Profit by Month



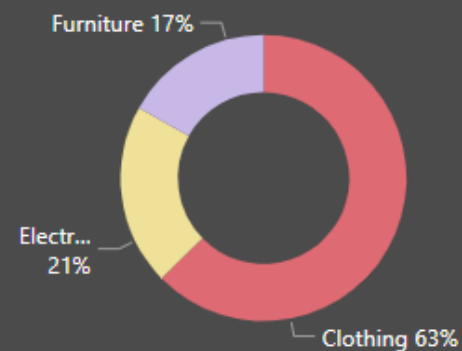
Top-5 customers profit wise



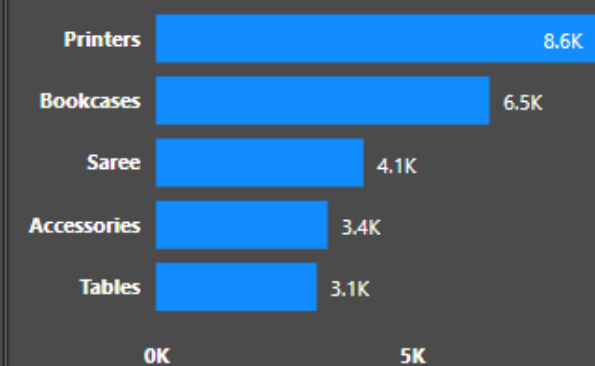
Payment Mode



Sold Quantity by Category



Profit by Sub-Category



Movies Data Analysis Dashboard – Power BI (1/3)



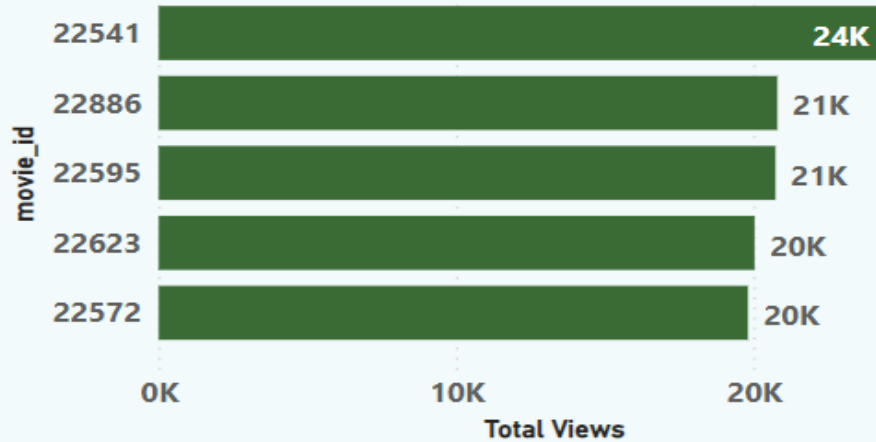
MOVIES DATA ANALYSIS

Aug-23

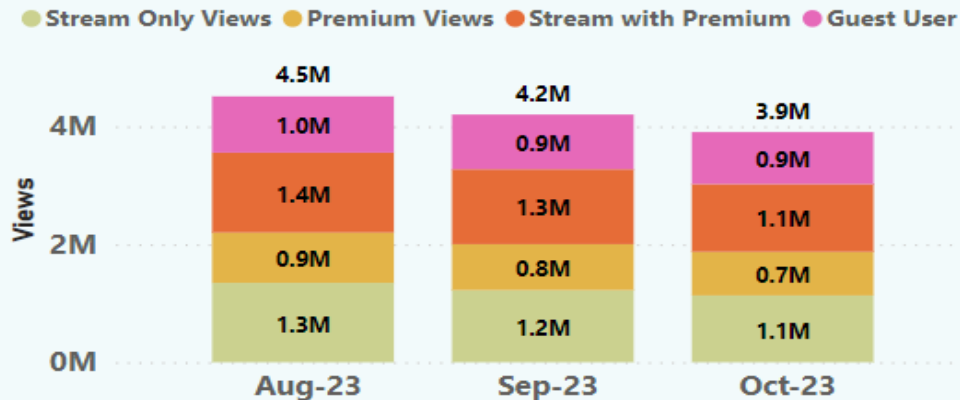
Sep-23

Oct-23

The 5 Most-Viewed Movies



Monthly Streaming Trend



12.6M

Total Views

3.8M

Stream with Premium

3.7M

Stream Only Views

2.4M

Premium Views

2.8M

Guest User

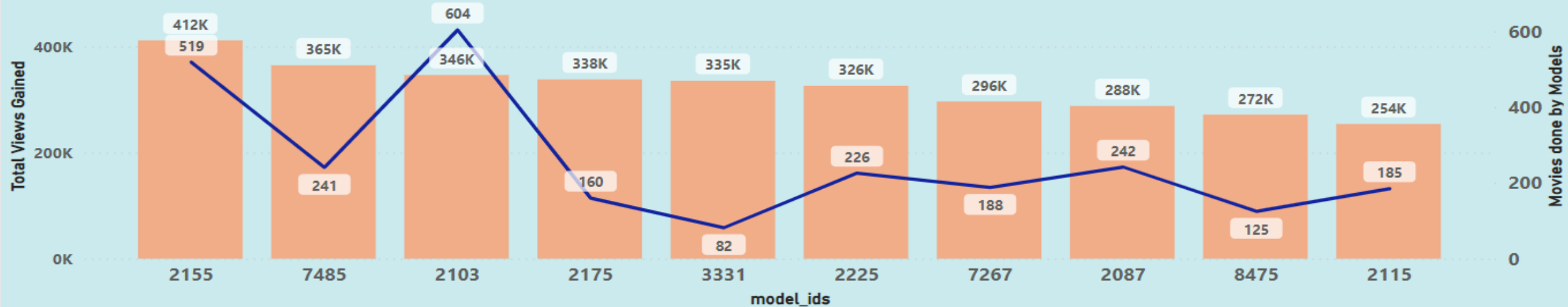
movie_id	Total Views	Stream with Premium	Stream Only Views	Premium Views	Guest User
22541	24,382	16,955		7,427	0
22886	20,798		14,621		6,177
22595	20,736	14,261		6,475	0
22623	20,033	13,571		6,462	0
22572	19,809	13,977		5,832	0
22615	19,221	13,225		5,996	0
22877	19,109	13,325		5,784	0
23008	19,082		13,609		5,473
22553	18,773	13,327		5,446	0
22763	18,426	12,631		5,795	0
22592	18,097	13,178		4,919	0
22789	17,756	12,692		5,064	0
22898	17,649	12,760		4,889	0
22810	17,539		12,864		4,675
22605	17,023	11,527		5,496	0
22945	16,897	11,742		5,155	0
22607	16,705	11,235		5,470	0
22927	16,302	11,464		4,838	0
23019	16,275	11,561		4,714	0
22518	16,180		12,078		4,102
Total	12,617,482	3,775,984	3,701,587	2,375,006	2,764,905

Movies Data Analysis Dashboard – Power BI (2/3)

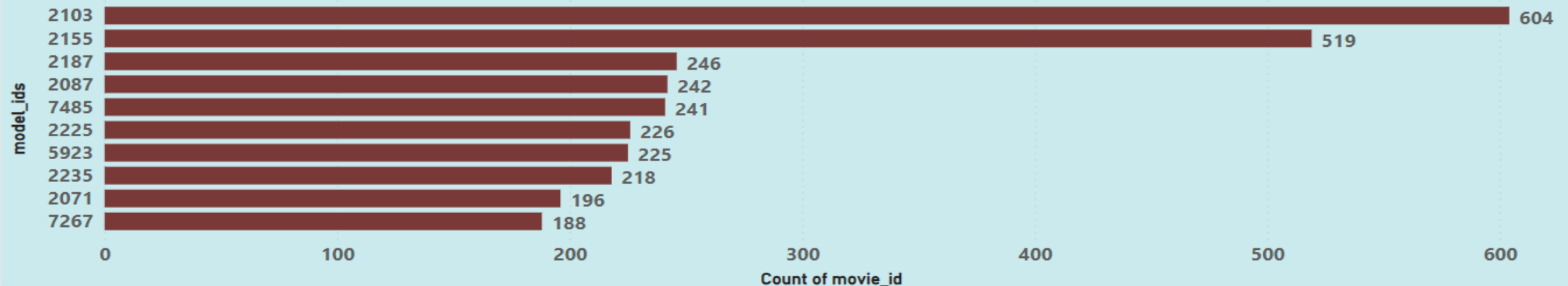


MODELS ANALYSIS

Top 10 Models with highest views



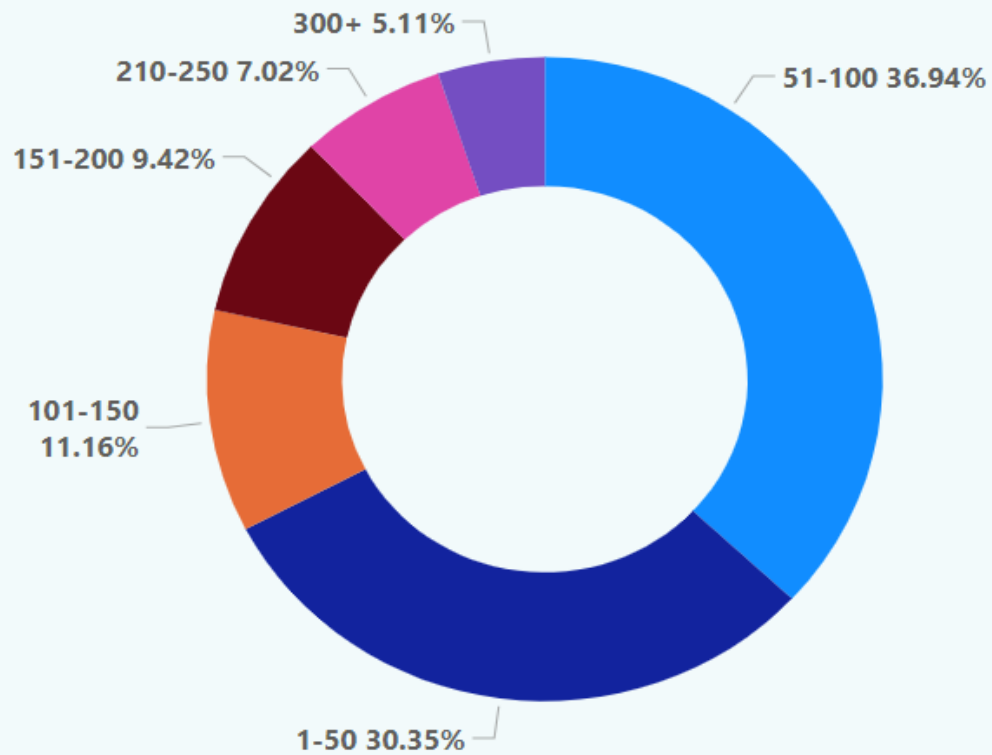
Movies Performed by Modals



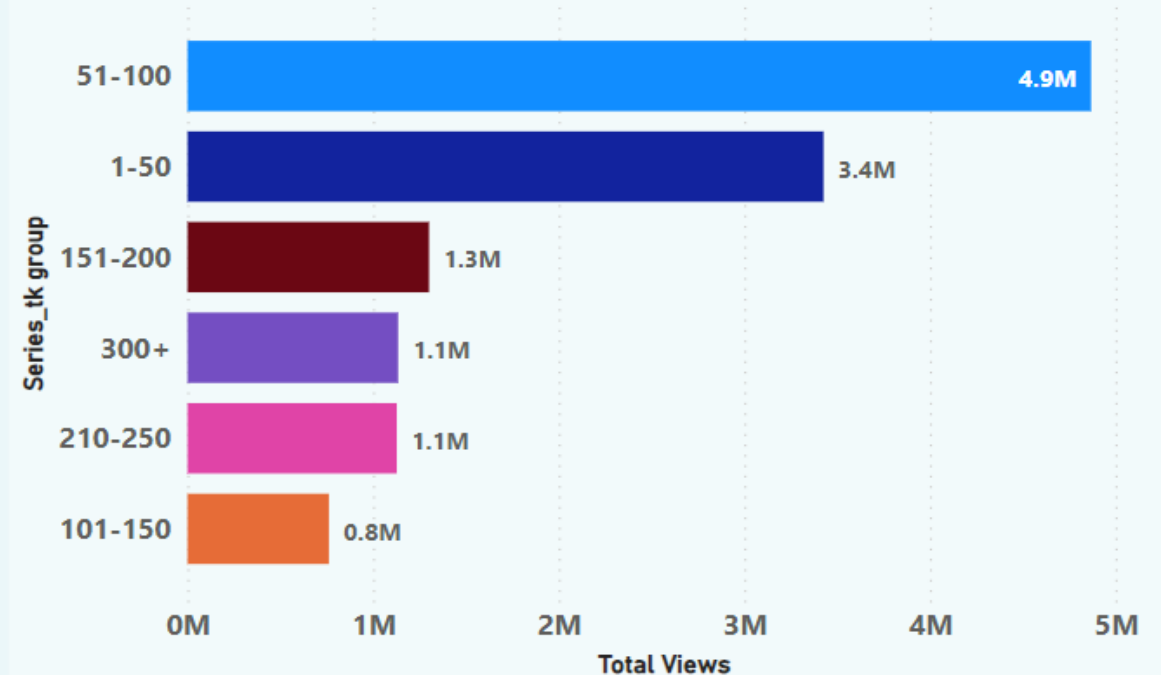


SERIES LENGTH ANALYSIS

Movie Quantity Percentage with Series Length



Analyzing Series Length vs. Viewer Engagement



Series length- To represent a range like "1-50" that corresponds to a series_tk range between 1 and 50 same as all series length.

Resourcing Dashboard – Excel (1/2)



INTENDED STRICTLY FOR INTERNAL USE ONLY

Guidance

Overview

Cross Account View

Region View

Project View

BU Level View

Dept. View

Job Title View

Employee View

Resourcing overview - Based on [redacted] data pulled on 01-May-21

Navigation Bar

Assigned Associates

Headcount
7,430

FTEs
5,400.73

May 2021
314.39

Unfilled FTEs

Jun 2021
456.67

Jul 2021
521.56

Turnover

May 2021
434

Data pulled on: 01-May-2021

Scope of Data: All metrics are for above month unless specified otherwise. The data [redacted] DOES NOT include [redacted]



Export Selected
Sponsors Summary



Export
Summary

This dashboard has been populated using the [redacted] Reports taken from the [redacted]. Click the button on the right to go the [redacted] (Scroll-down to find GCS reports section on the left)



Filters to slice and dice the data

Account

Account1

Account2

Account3

Account4

Account5

Account6

Account7

Account8

Region

ASIA_PACIFIC

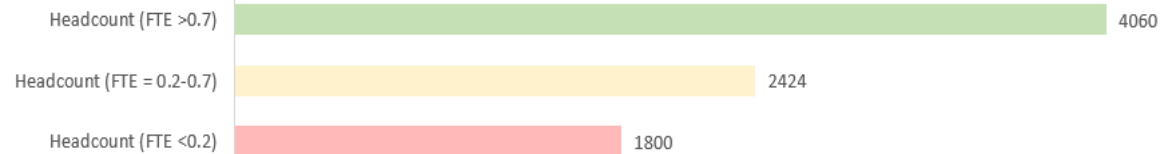
EMEAF

LATIN_AMERICA

MENA

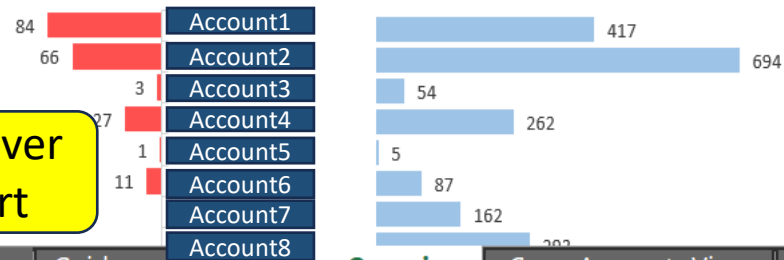
NORTH_AMERICA

FTE Distribution for 7,430 Assigned Associates



Turnover ([redacted] Accounts): 434

Headcount ([redacted] Accounts): 7,430



Headcount Chart

Turnover
Chart

Total assigned FTEs ([redacted] Accounts): 5,400.73



Guidance

Resourcing Overview

Cross Accounts View

Region View

Project View ...



Resourcing Dashboard – Excel (2/2)



Guidance

Overview

Cross Account View

Region View

Project View

BU Level View

Dept. View

Job Title View

Employee View

KEY POINTS (Click [-] to collapse)

- 280 Employees are over-allocated (FTE Assignment > 1.1)
- 4 Accounts have high Turnover (>15%)
- 12 Accounts have high % (>50% of Total Headcount) of low FTE Associates (i.e. FTE Assignment of Associate < 0.2)

Summary

[Click to get a filtered list](#)
[Click to get a filtered list](#)
[Click to get a filtered list](#)

Data pulled on: 01-May-2021

Scope of Data: All metrics are for above month unless specified otherwise. The data DOES NOT include C

CrossAccounts View - Resourcing metrics by Account and Emp ID

Double clicking on the cells in the pivot area provides a limited drill-down behind the value. Please note this is an extract (upto 10,000)

Account > Account > Empl ID	HeadCount	Headcount (FTE <0.2)	Headcount (FTE >0.7)	Total Assigned FTEs	May 2021 Unfilled FTEs	Jun 2021 Unfilled FTEs	Jul 2021 Unfilled FTEs	Headcount Turnover MoM
Account1	417	34	367	375.55	0.00	0.02	0.02	84
Account2	694	314	415	235.88	8.38	11	12.2	66
Account3	54	30	2	11.81	0.60	0.6	0.6	3
Account4	262	116					20.54	27
A	5	3						1
A	87	56					0.51	11
B	162	54	105	108.49	0.25	0.25	0.25	
B	293	98	141	171.23	1.50	1.88	2.8	
B	1470	208	1004	1123.73	96.32	129.74	139.21	104
C	22	21		1.18				4
B	100	11	78	82.77	0.26	0	0	
D	997	275	249	460.33	34.33	84.32	105.91	79
E	669	170	324	399.94	6.49	9.49	10.68	72
G	83	47	1	18.75	0.08	0	0	
G	594	226	187	269.32	19.91	25.67	36.21	60
T	61	39		10.24	0.20	0.2	0.2	2
I	540	187	81	202.15	21.90	46.59	57.36	40
I	352	150	74	130.67	3.16	3.94	3.93	28

[Click here to see definition of the metrics](#)

Detailed view of metrics on Account level

Filters to slice and dice the data

Region

ASIA_PACIFIC

EMEAF

LATIN_AMERICA

MENA

NORTH_AMERICA

Slicer

Guidance

Resourcing Overview

Cross Accounts View

Region View

Project View ...



Account Level Training Compliance

Files	# Assignments completed on time	% Compliance
Acerta	3885	96%
Alexion	17509	86%
ALXN	2745	79%
AstraZeneca	527	85%
AZP	111	93%
Portola	1	100%
Teneotwo	463	88%
Grand Total	25241	87%

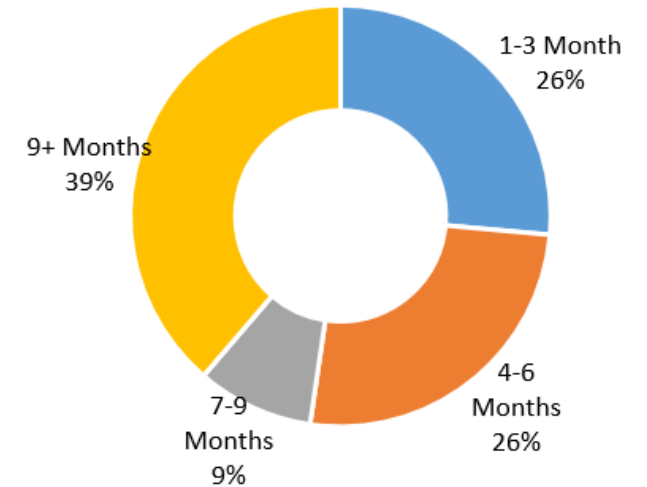
% Compliance RAG by Account



Unresolved Query Ageing

Row Labels	# Total Unresolved Query
1-3 Month	1143
4-6 Months	1120
7-9 Months	388
9+ Months	1674
Grand Total	4325

Unresolved Query Ageing



E-commerce Sales Dashboard – Excel



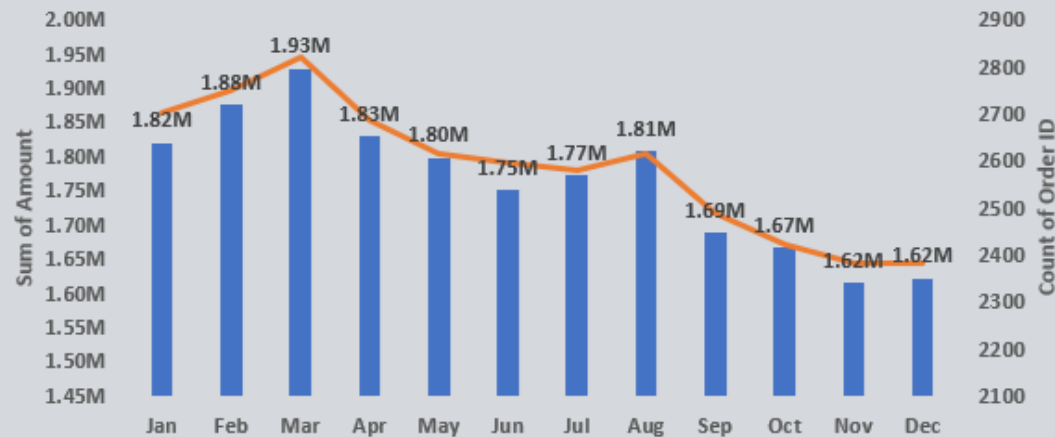
VIRANDA SALES ANNUAL REPORT: 2022

Month			
Jan	Feb	Mar	Apr
May	Jun	Jul	Aug
Sep	Oct	Nov	Dec

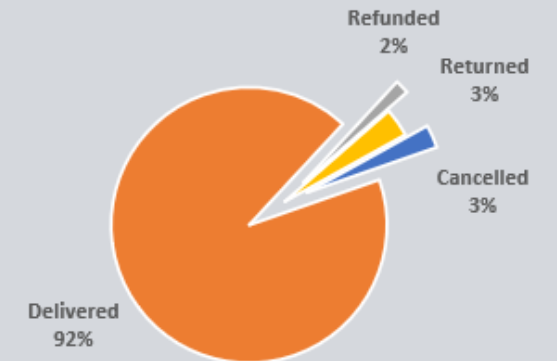
Category
Blouse
Bottom
Ethnic Dress
kurta
Saree

Channel
Ajio
Amazon
Flipkart
Meesho
Myntra

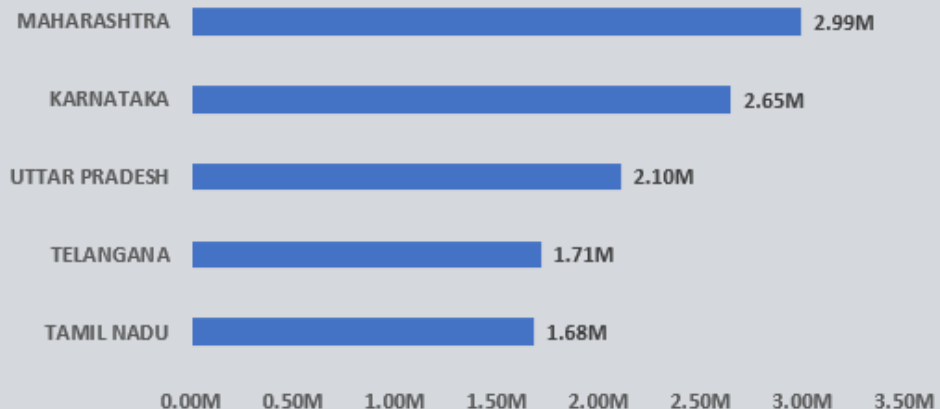
Sales VS Orders



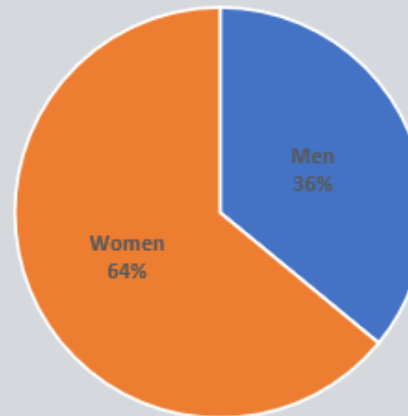
Order status



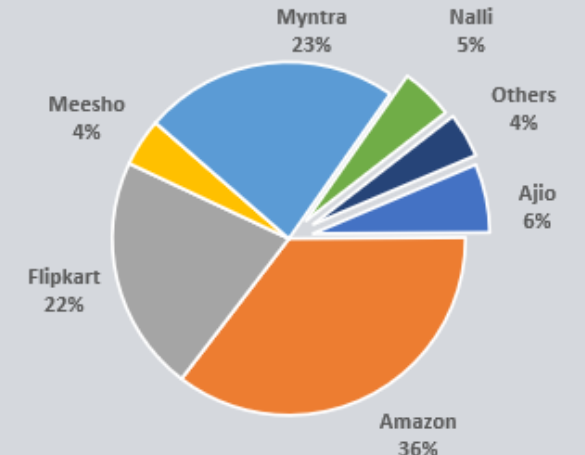
Top-5 sales wise state



Sales:-Men vs Women



Channel Wise Percentage



Road Accident Dashboard – Excel



Road accident Dhashboard

Total casulities: **7024**

Fetal casulities:

91



Serious Casulities:

737



Slight Casulities

6196



Car casulities

5735



Total casulities by
vehicle type

5735

512

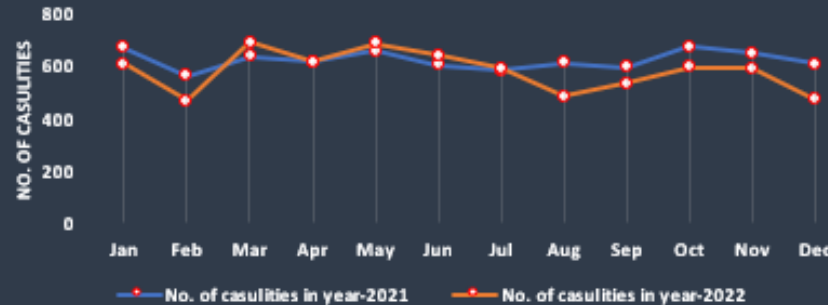
118

55

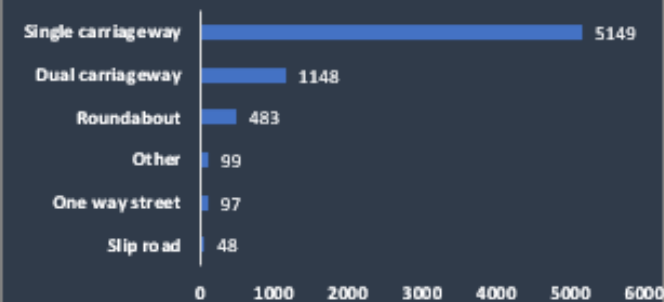
600

4

Casulities: 2021 VS 2022



Casulities by Road Type

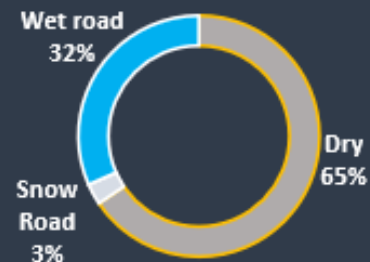


Year

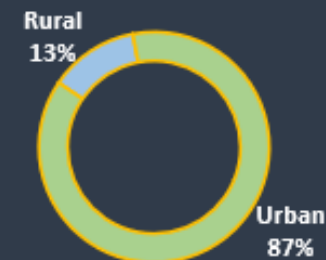
2021

2022

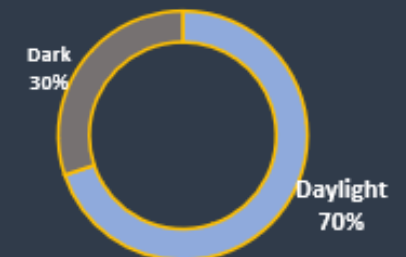
Casulities by Road surface



Casulities by Area Wise



Casulities:Daylight VS Dark



Electronics Sales Dashboard – Excel



Company sales Dhasboard-2019

Salesman



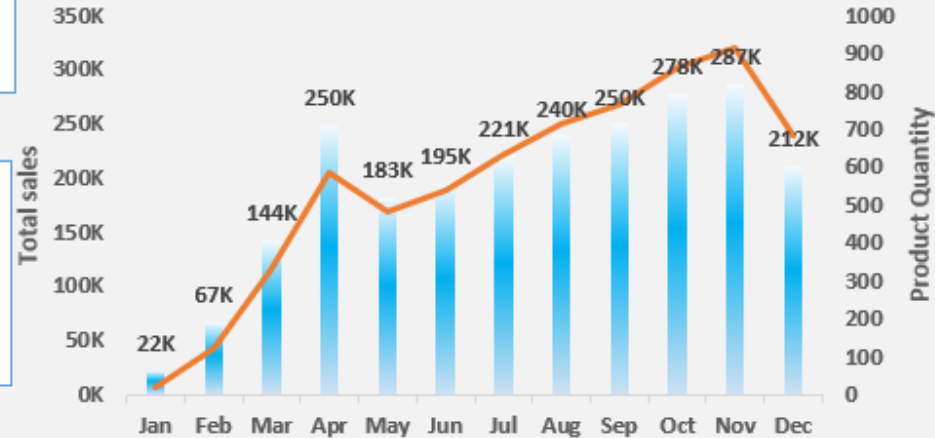
Aman Rahul Ram Rohit Vinod

Month

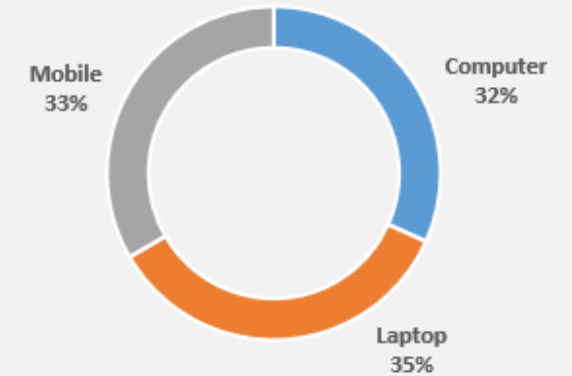


Jan Feb Mar Apr May Jun
Jul Aug Sep Oct Nov Dec

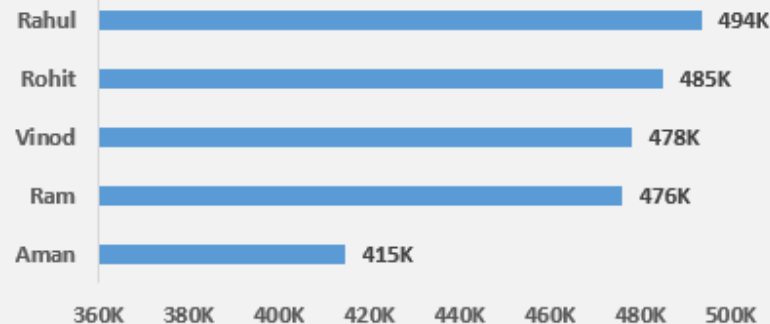
Sales VS Order



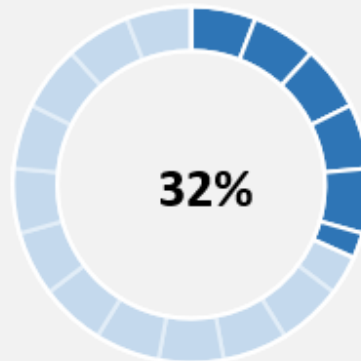
Types of Items



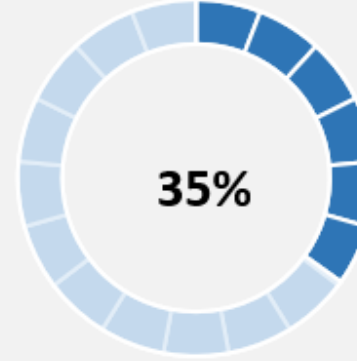
Sales by Salesperson



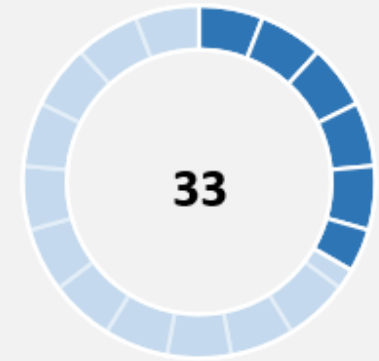
Computer : Brands Wise Sales



Laptop : Brands Wise Sales



Mobile : Brands Wise Sales



Thank You!

