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

Index

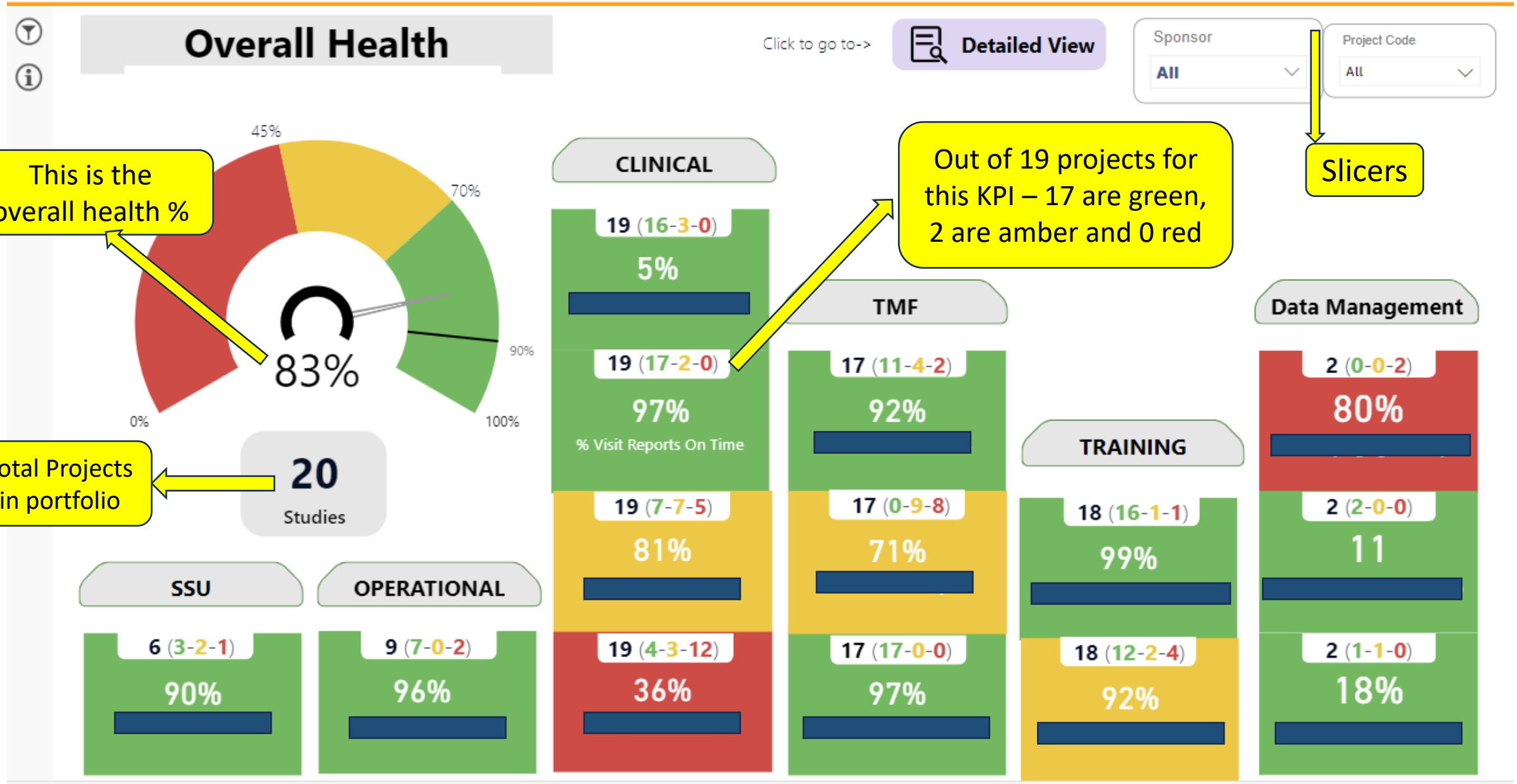
❑ **Power BI**

- Clinical Trials KPI Dashboard
- Electronics Sales Dashboard
- Goods Sales Dashboard
- Movies Data Analysis Dashboard

❑ **Excel**

- Resourcing Report
- Clinical Trial KPIs
- E-commerce Sales Dashboard
- Road Accidents Analysis
- Electronics Sales Dashboard

Clinical Trials KPI Dashboard – Power BI



Closed Action Item

Summary

PL Comments | See Raw Data | Add Comment

KPI Threshold

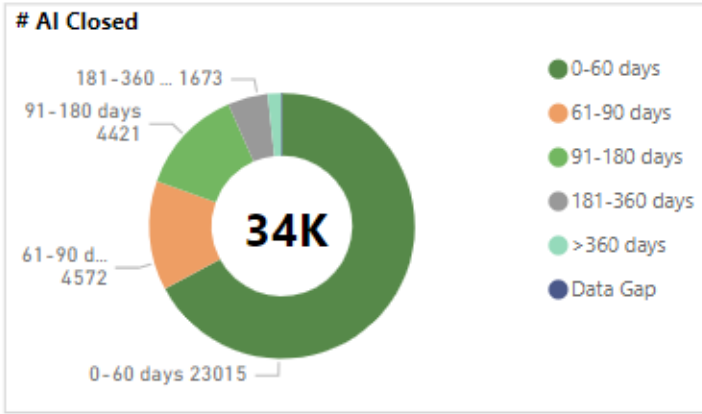
>= 90% | >= 80%, < 90% | < 80%

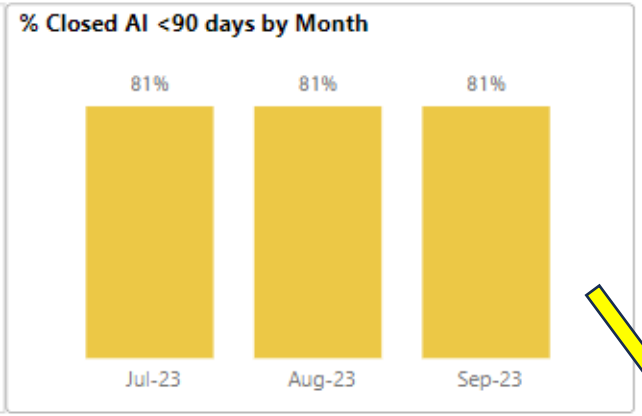
Selected Period

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%





Sponsor: All

Project Code: All

Year Month		Aug-23			Sep-23			Overall for selected period		
Project Code	Protocol ID	...on ...losed	% 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
[redacted]	475	469	69%		335	491	69%	335	491	69%
	037 03	2604	87%		2323	2684	87%	2323	2684	87%
	420 6	6075	81%		4969	6206	81%	4969	6206	81%
	106	2048	87%		1785	2070	87%	1785	2070	87%
	700	533					88%	533	611	88%
	771	791					94%	765	814	94%
	240 307	2875					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

Monthly trend of KPI

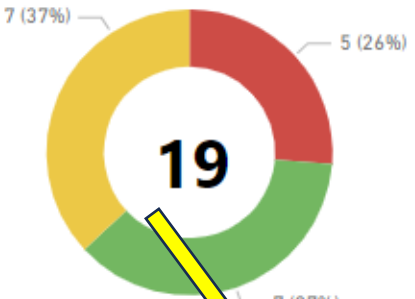


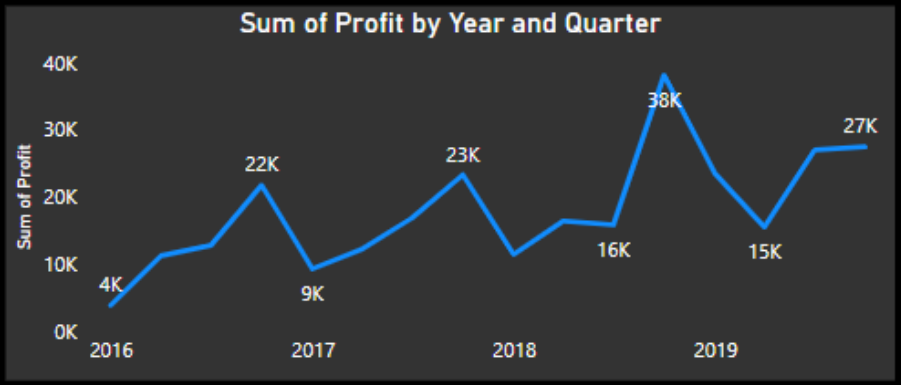
Chart showing no. of red or green studies

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

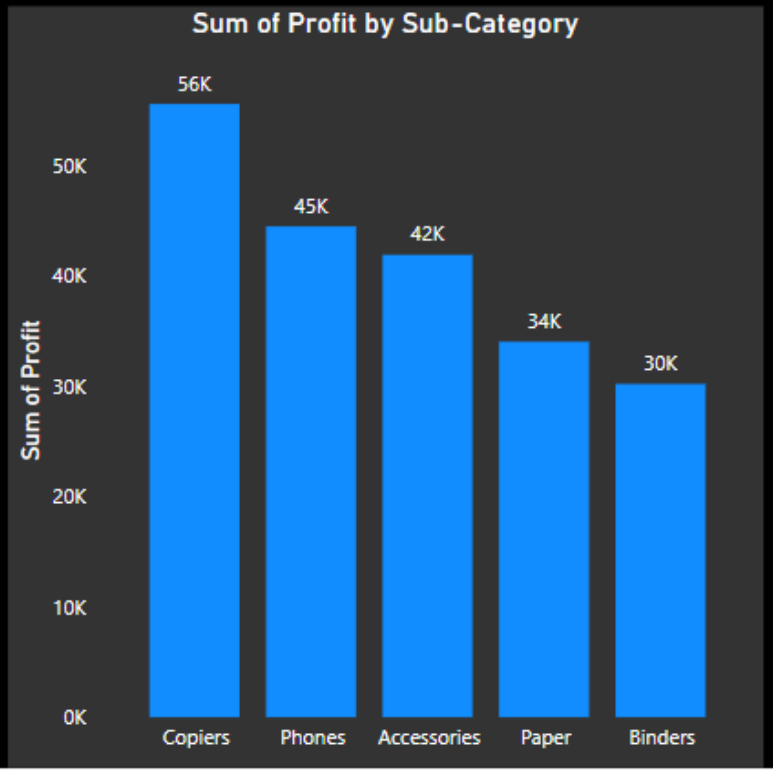


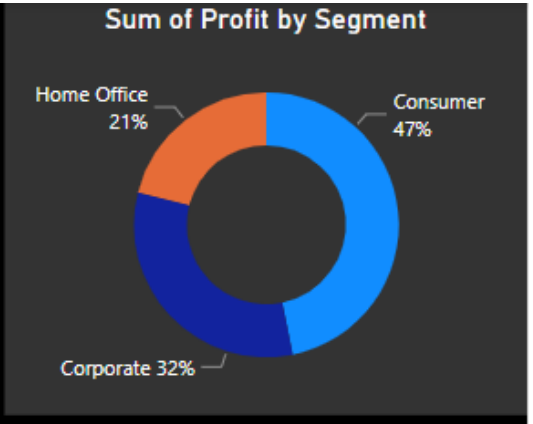
2.30M
Sum of Sales

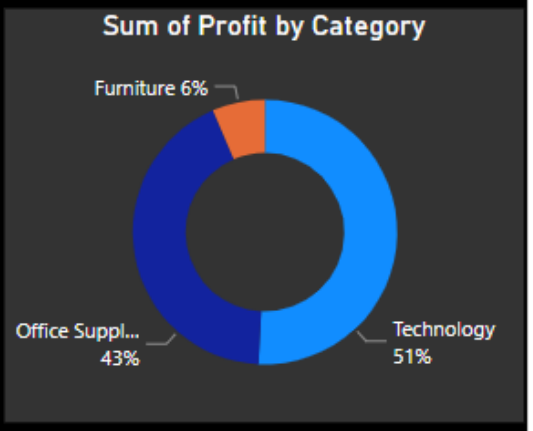
38K
Sum of Quantity

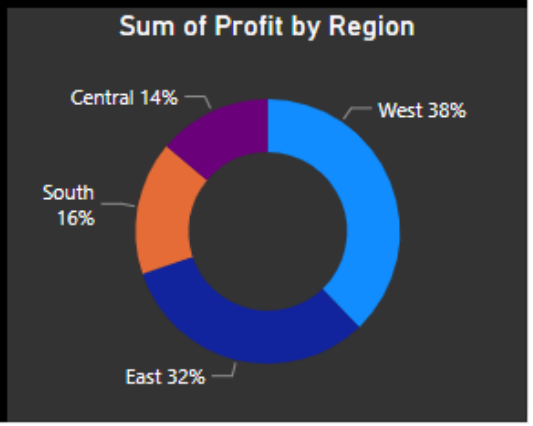
286.40K
Sum of Profit

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.**

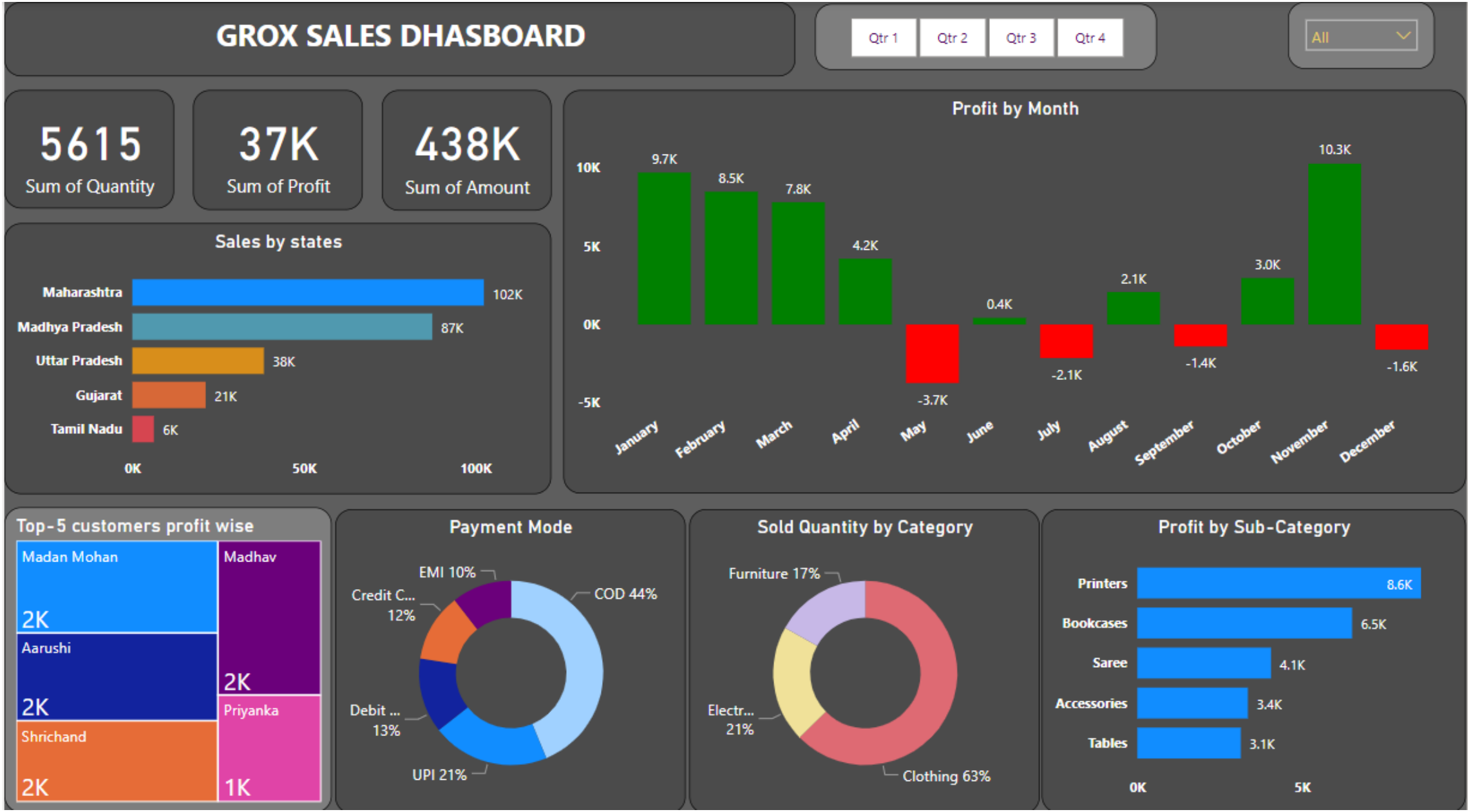








Goods Sales Dashboard – Power BI

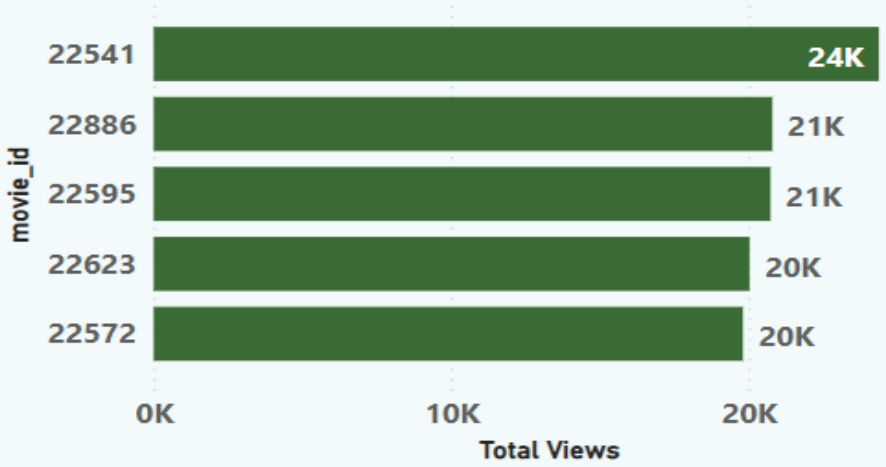


Movies Data Analysis Dashboard – Power BI (1/3)

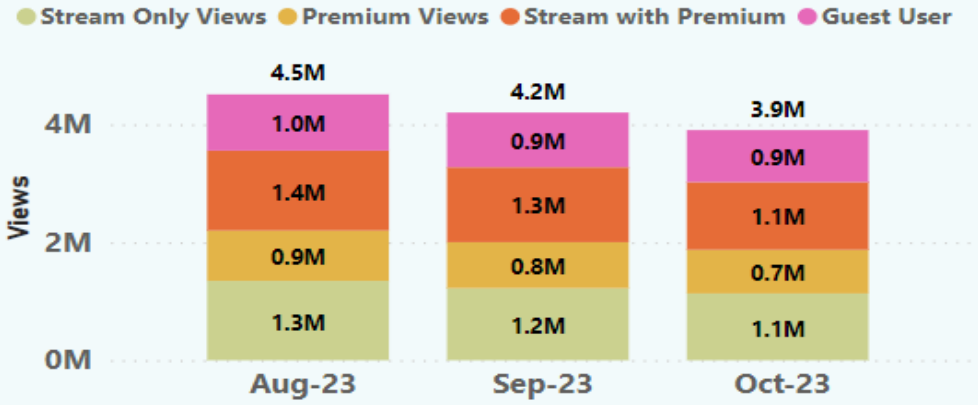
MOVIES DATA ANALYSIS

Aug-23 | Sep-23 | Oct-23

The 5 Most-Viewed Movies



Monthly Streaming Trend



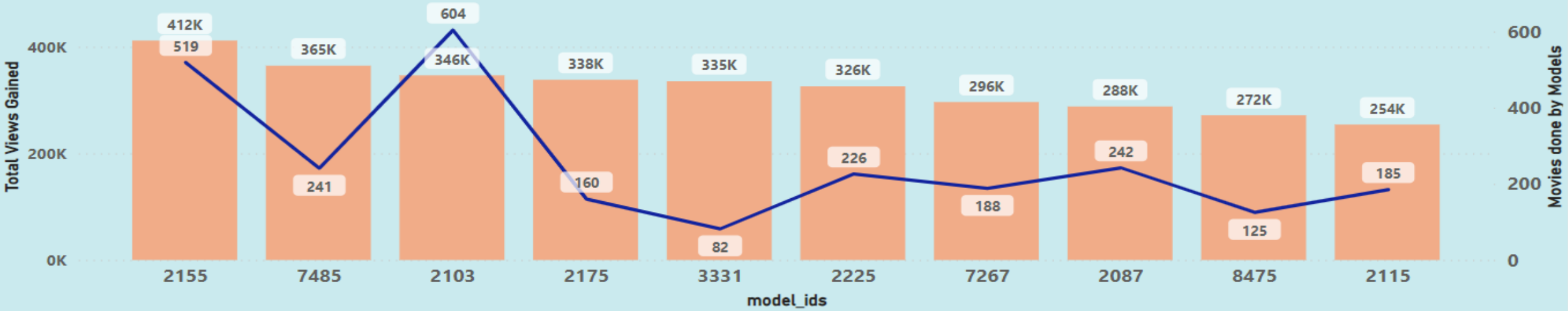
12.6M	3.8M	3.7M	2.4M	2.8M
Total Views	Stream with Premium	Stream Only Views	Premium Views	Guest User

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

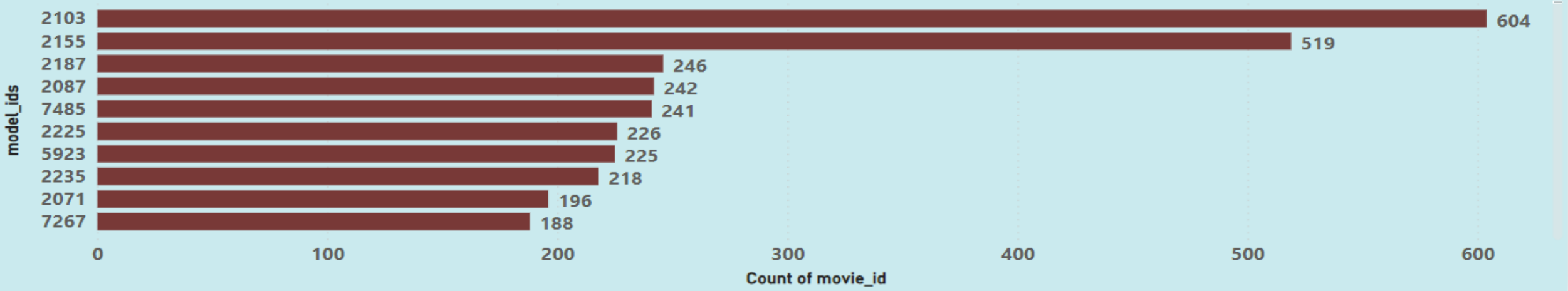
Movies Data Analysis Dashboard – Power BI (2/3)

MODELS ANALYSIS

Top 10 Models with highest views



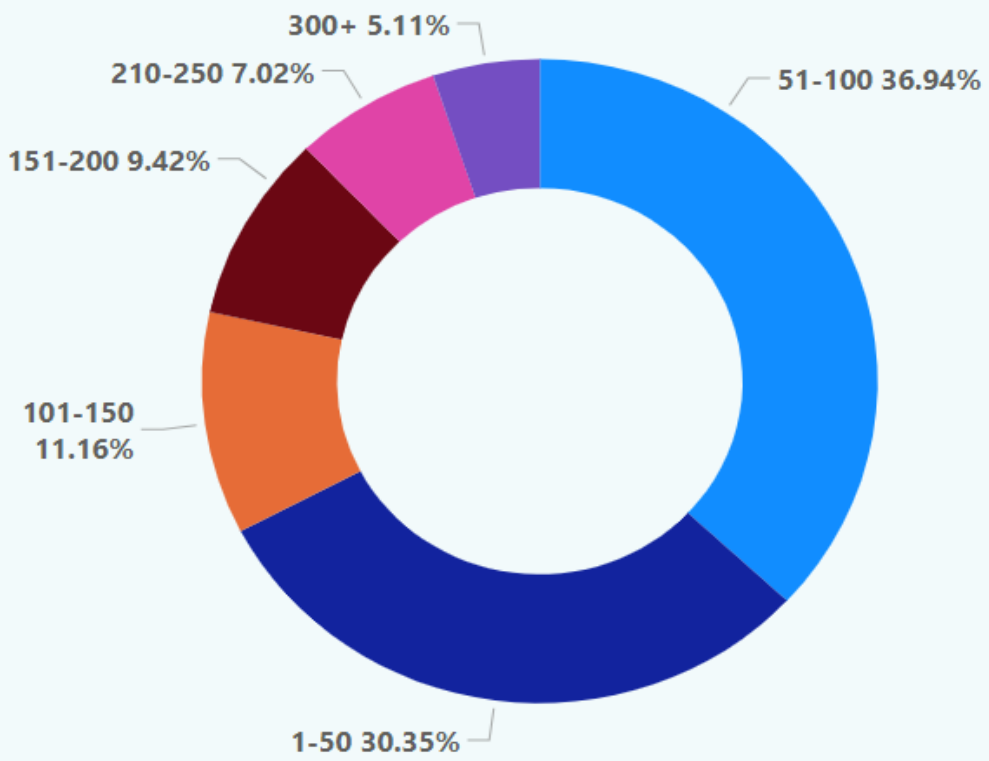
Movies Performed by Modals



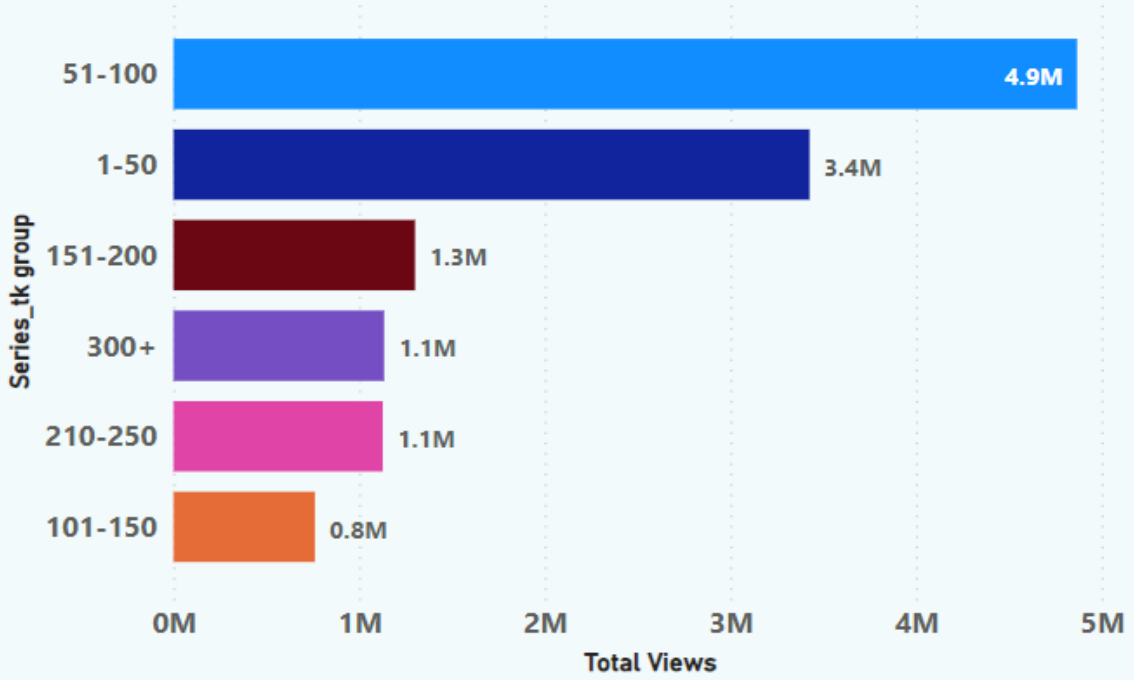
Movies Data Analysis Dashboard – Power BI (3/3)

SERIES LENGTH ANALYSIS

Movie Quantity Percentage with Series Length

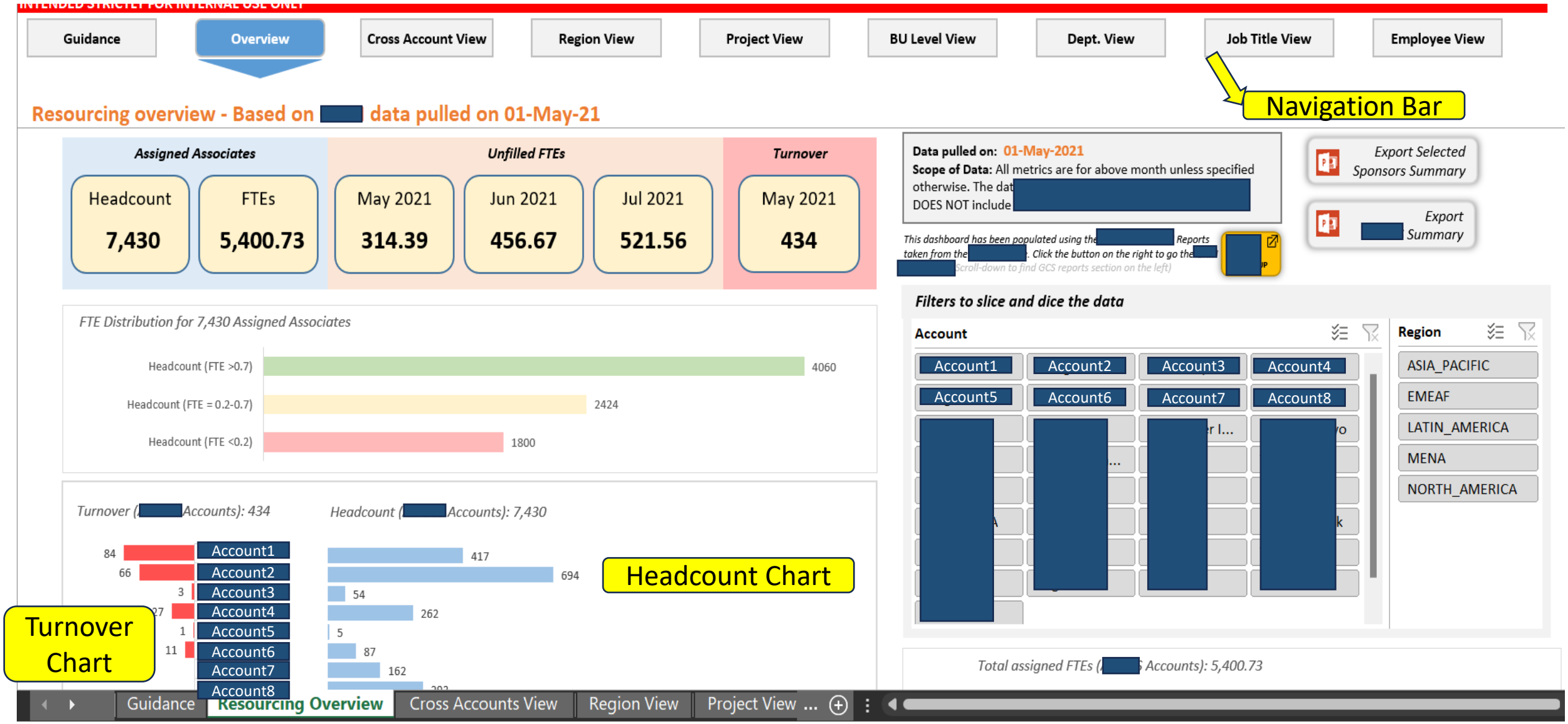


Analyzing Series Length vs. Viewer Engagement

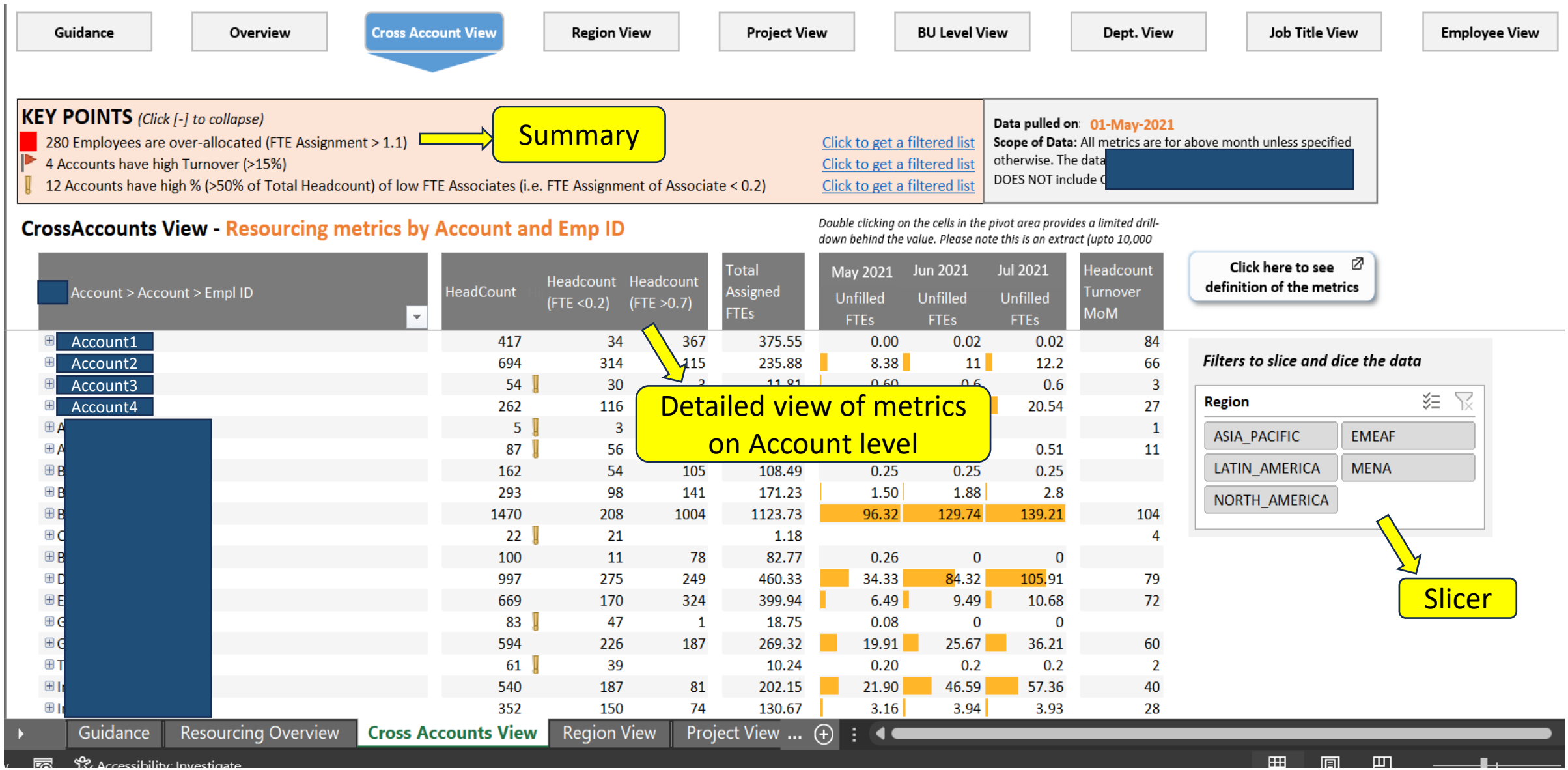


Series length- To represent a range like "1-50" that corresponds to a series_tk range between 1 and 50 same as all series length.

Resourcing Dashboard – Excel (1/2)



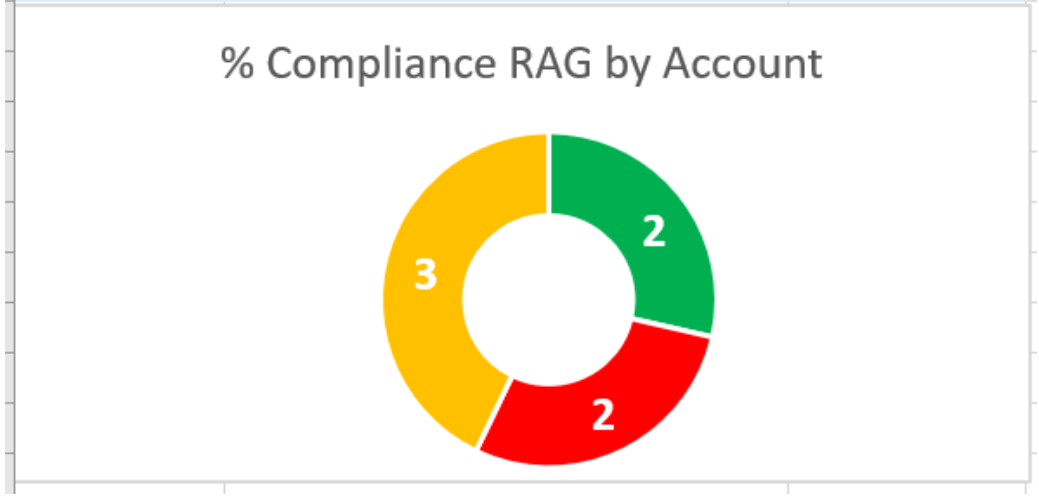
Resourcing Dashboard – Excel (2/2)



Clinical Trial KPIs – Excel

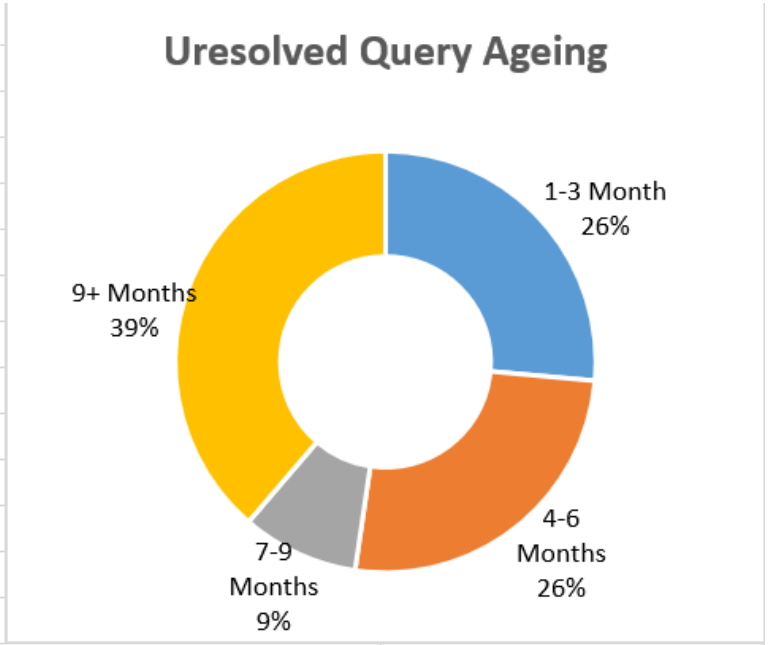
Account Level Training Compliance

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%**



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**



E-commerce Sales Dashboard – Excel

VIRANDA SALES ANNUAL REPORT: 2022

Month

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

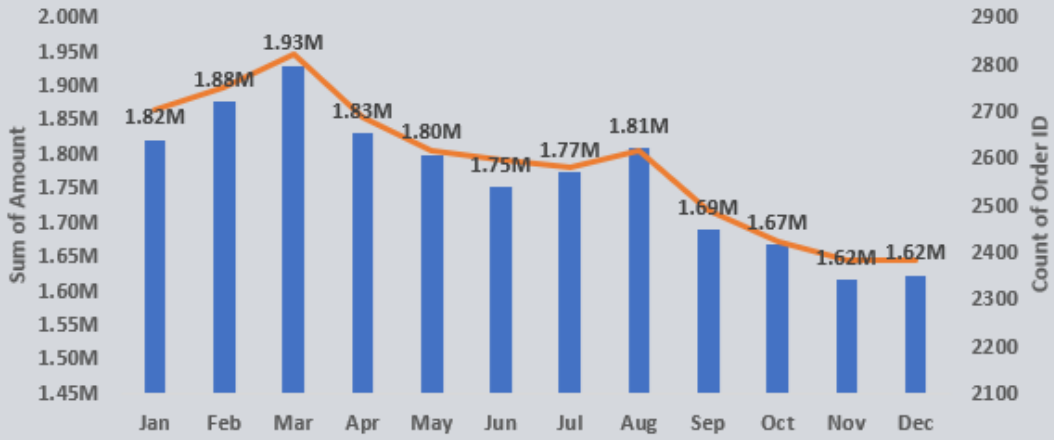
Category

- Blouse
- Bottom
- Ethnic Dress
- kurta
- Saree

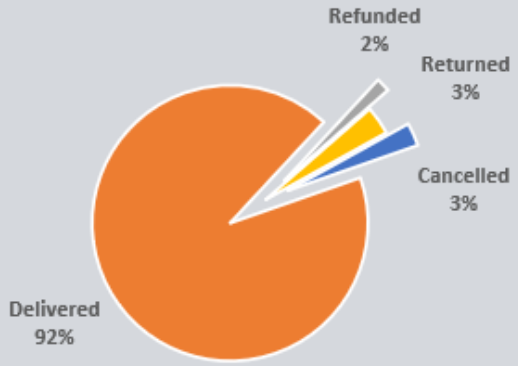
Channel

- Ajio
- Amazon
- Flipkart
- Meesho
- Myntra

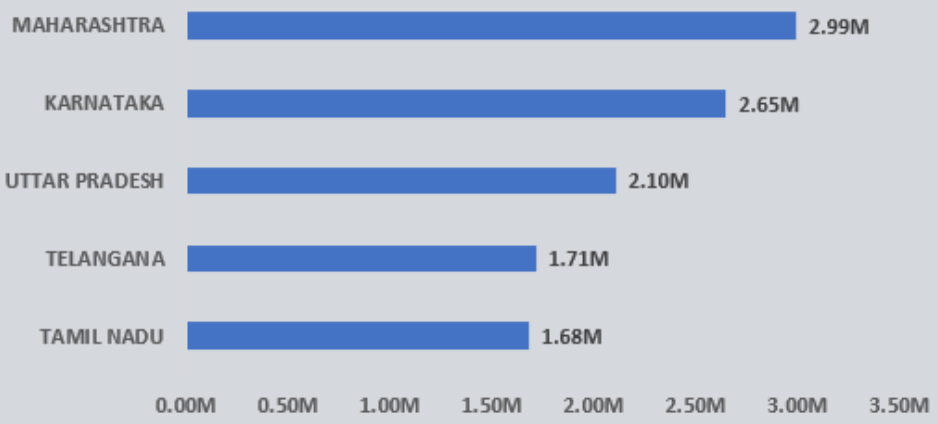
Sales VS Orders



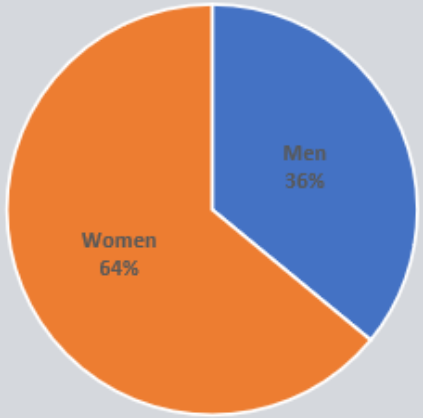
Order status



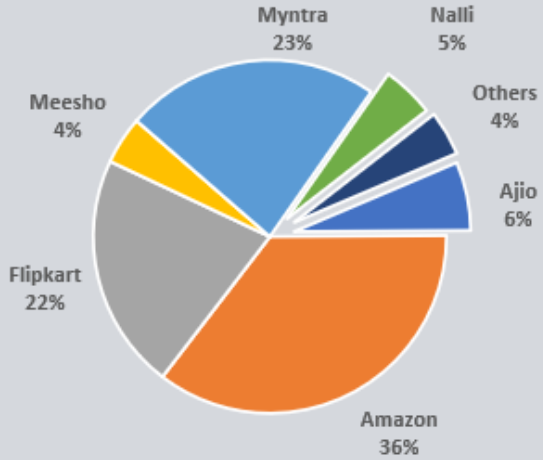
Top-5 sales wise state



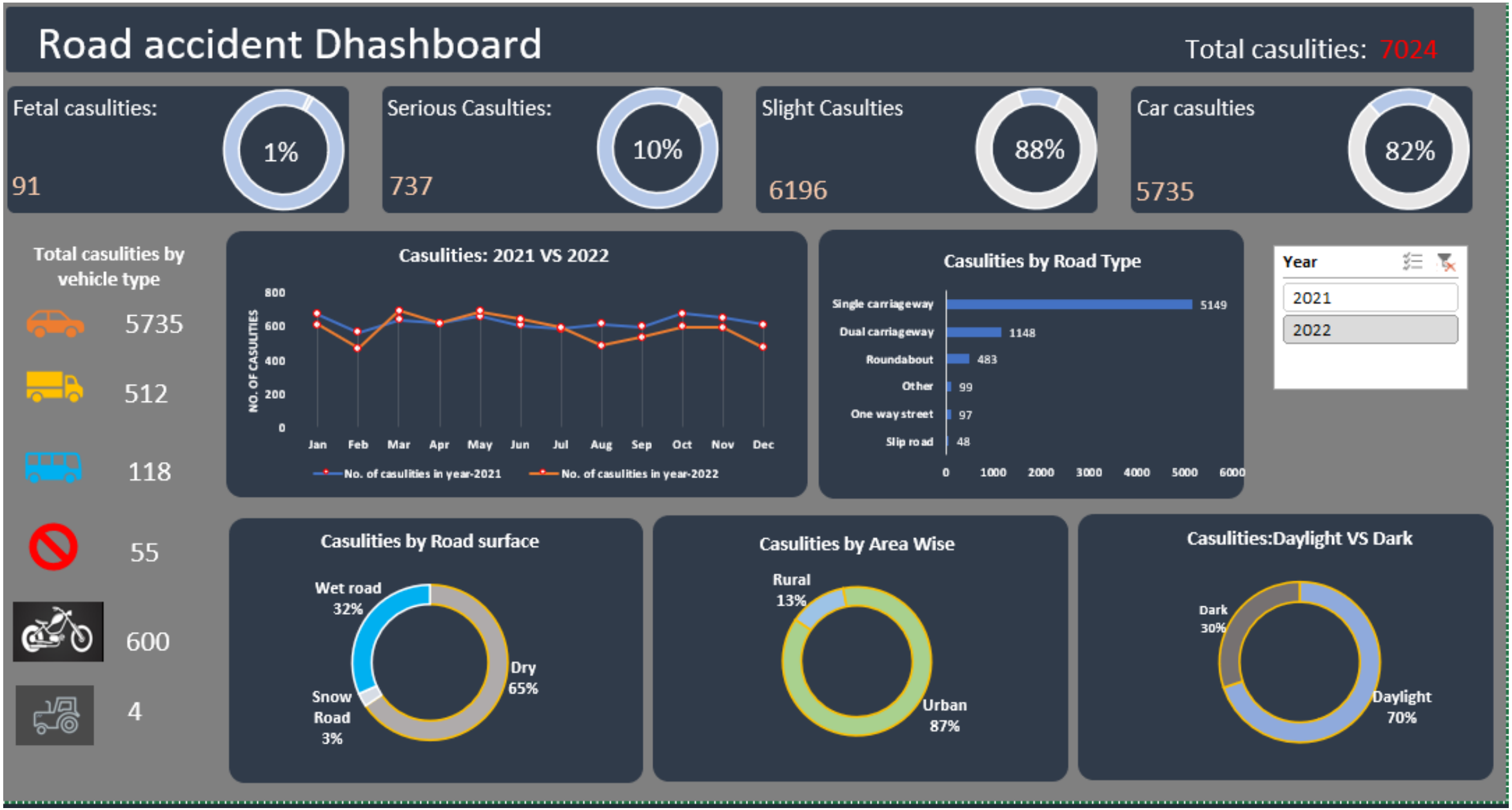
Sales:-Men vs Women



Channel Wise Percentage



Road Accident Dashboard – Excel



Electronics Sales Dashboard – Excel

Company sales Dhasboard-2019

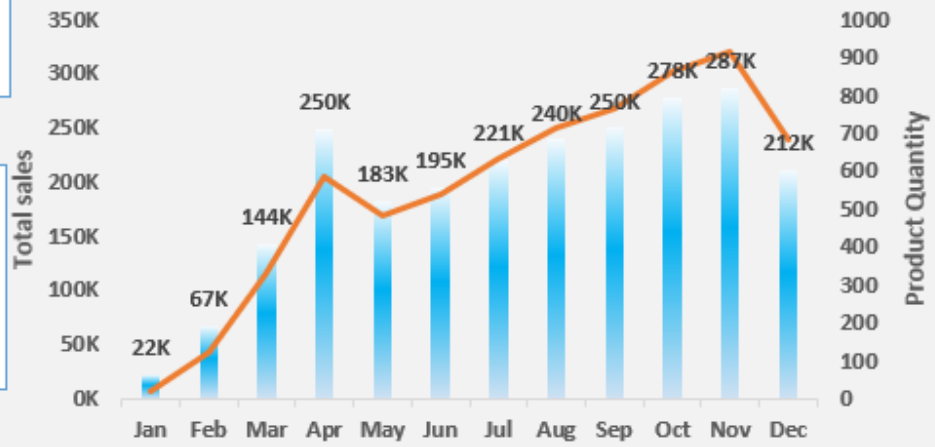
Salesman

Aman | Rahul | Ram | Rohit | Vinod

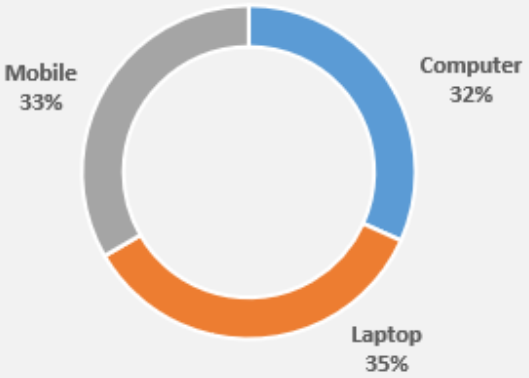
Month

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

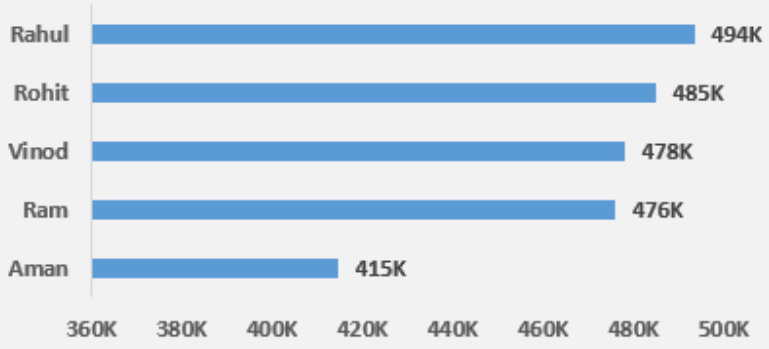
Sales VS Order



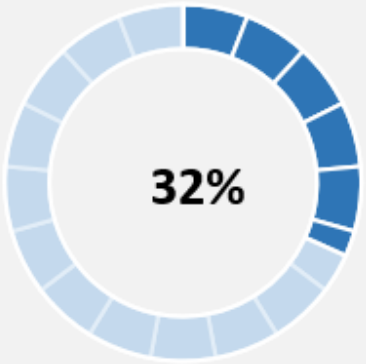
Types of Items



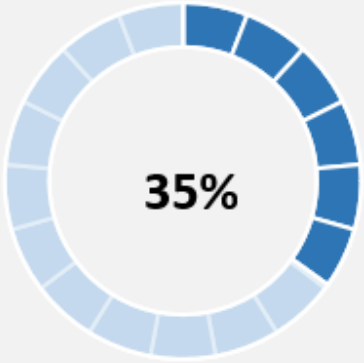
Sales by Salesperson



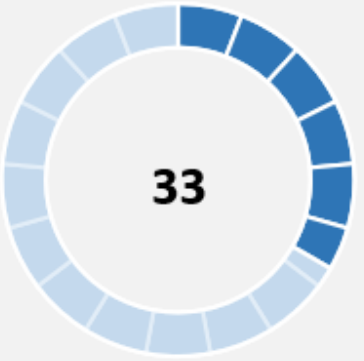
Computer : Brands Wise Sales



Laptop : Brands Wise Sales



Mobile : Brands Wise Sales



Thank You!