

POWER BI PROJECT

Report Submitted by

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Flipkart Mobiles Dashboard

Introduction:-

The Flipkart Mobile dataset is taken from the online source . In Power bi there are so many model charts are available and different colours and shapes are also available.

❖ **Step 1:**

we have to import the data from the different sources like EXCEL, SQL and etc.

❖ **Step 2:**

We have to check the data is contain any errors. If the data contains any Errors then we have to transform the data.

❖ **Step 3:**

Once the data is loaded the total columns are appear in the filter section.

❖ **Step 4:**

Then we can choose the column names for creating the charts.

❖ **Step 5:**

If the column contains the numeric data then we can create some functions on the numeric data.

I created totally three pages of dashboard on the Flipkart Mobiles data.

Dashboard Page 1 :

I created the Flipkart logo with the theme of yellow and light blue colours.



Page 2 :

From this page I used some different of charts

Types of charts used:

- **Filter chart:**

This data contains many brands of mobiles so I choose only some brands for my dashboard.



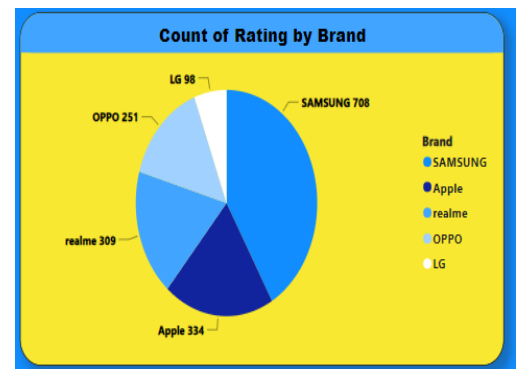
- **Card chart:**

I used this chart for showing the famous brand of mobiles and count of rating for that particular brand.



- **Pie chart:**

- In this chart I want to show that the Count of Rating by Brand.
As a result the first place is SAMSUNG-708, second place is APPLE-334, third place is REALME-309 and so on.



- **Stacked column chart:**

In this chart I want to present the Count of Colour by Brands.

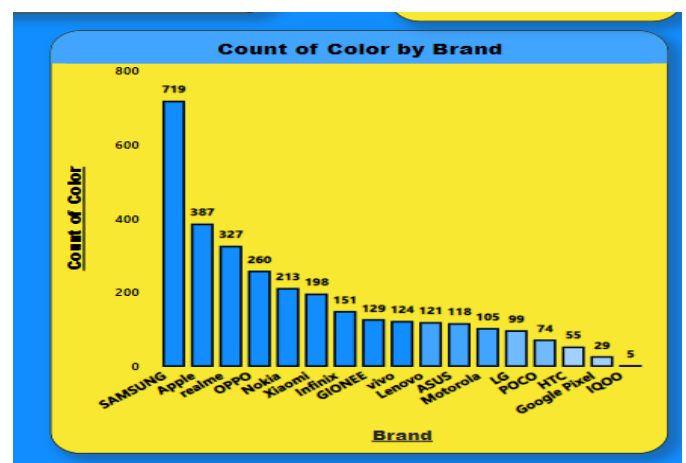
Samsung = 719

Apple = 387

Realme = 327

Oppo = 260

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-
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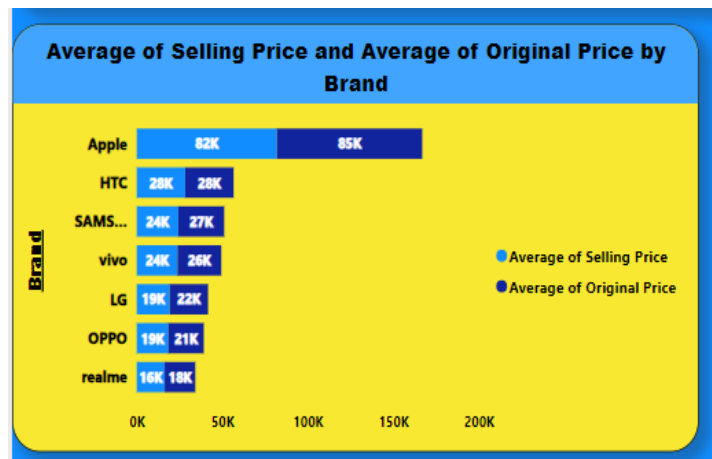
In all charts I used only yellow and light blue colours because my entire theme is Flipkart so I prefer only that particular colours in my dashboard.

These charts are from the second page of my dashboard

- **Stacked bar chart:**

In this chart I want to present the Average of Selling Price and Average of Original Price of Original Price by Brand.

| Brand | Avg.Selling | Avg.Original |
|---------|-------------|--------------|
| Apple | 82k | 85k |
| HTC | 28k | 28k |
| Samsung | 24k | 27k |
| Vivo | 24k | 26k |
| LG | 19k | 22k |
| Oppo | 19k | 21k |

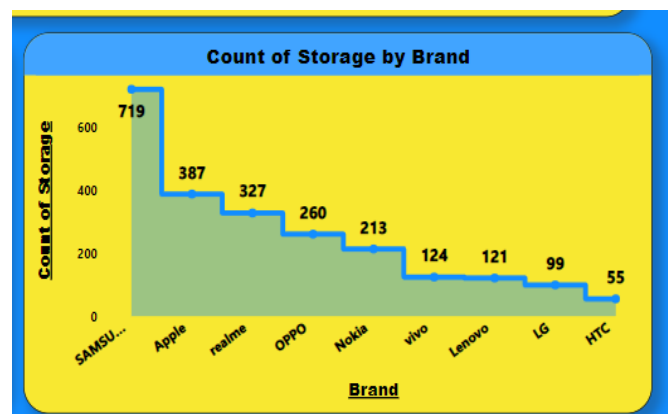


- **Line chart :**

For using the line chart I want to present The Count of Storage by Brands of mobiles.

Samsung has the highest storage capacity of 719, Second Apple has 387, third realme has the 327, fourth Oppo has the 260 and soon.

Brands column is taken as x-axis.
Count of Storage is taken as y-axis.



- **Donut chart:**

This is a special chart it is like a donut So that way it is call as Donut chart.
This chart presents the Sum of Rating By colours of mobile.

- **Funnel chart:**

This is in the shape of funnel so we call funnel chart . Here this chart represent the Count of Memory by Brand. As usual Samsun takes the first place of 719, Apple takes the second place next Oppo, Nokia, Vivo.....

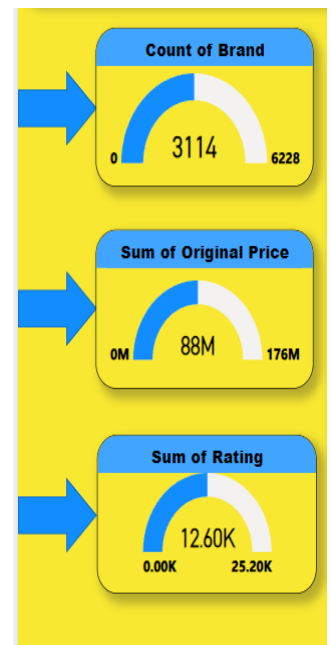


These charts are from the Third page of Dashboard.

- Gauge chart:**

This chart is looks like a hemisphere so then it is called as gauge chart.

Here are the three gauge charts first chart is Count of Brands of mobiles 3114, second chart is Sum of Original Price 88M, third chart is Sum of Rating 1260k.



- Table chart:**

This data contains many models of mobiles and storage so I prefer filter for this chart and I used colours for the table.

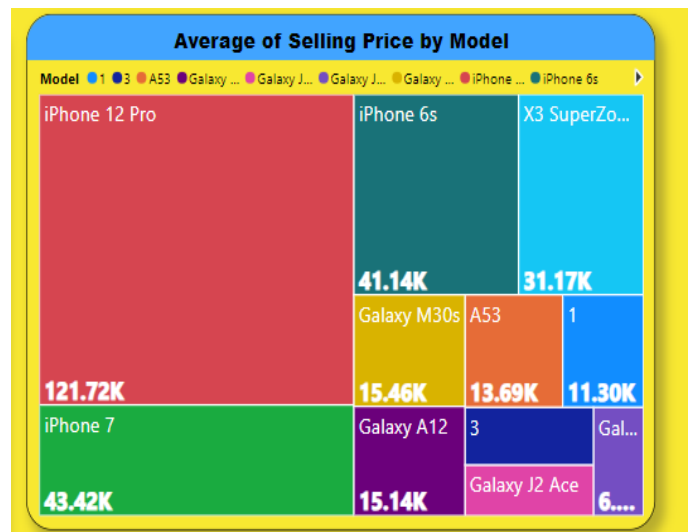
For using this table chart we can easily understand the data what you want to show.

| Model | Storage |
|---------------|---------|
| 1 | |
| 1 | 128 GB |
| 1 | 32 GB |
| 1 | 64 GB |
| 1 | 8 GB |
| A53 | 128 GB |
| A53 | 64 GB |
| Galaxy A12 | 128 GB |
| Galaxy A12 | 64 GB |
| Galaxy M30s | 128 GB |
| Galaxy M30s | 64 GB |
| iPhone 12 Pro | 128 GB |
| iPhone 12 Pro | 256 GB |
| iPhone 12 Pro | 512 GB |
| iPhone 7 | 128 GB |
| iPhone 7 | 256 GB |
| iPhone 7 | 32 GB |
| X3 SuperZoom | |

- **Treemap:**

This is the last chart in the dashboard. This contains Average of Selling Price by Models of mobiles.

The data is in the form of blocks like large block has the large data and small block has the small data like that and used by different colours like the given photo.



Conclusion:

Final Conclusion is instead of understanding large amount of data understanding the entire data in a single dashboard.

- Power BI allows you to create interactive reports with visual analytics. You can build various types of visuals (charts, graphs, maps, etc.) to present data in an engaging and informative way.
- As the name suggests, Power BI is primarily used for business intelligence. It helps organizations make data-driven decisions by providing actionable insights.
- Power BI reports can be shared with others within your organization using the Power BI service.
- Collaboration features allow teams to work together on data analysis and reporting.

Dashboard

