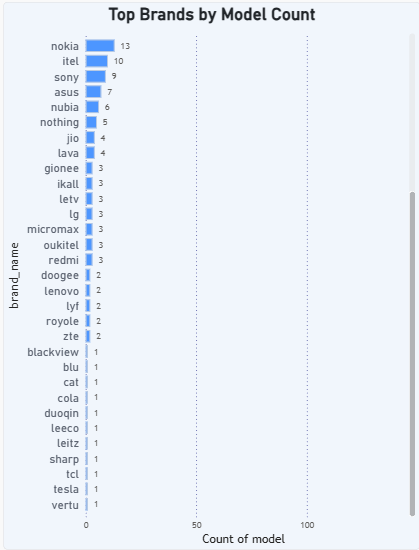
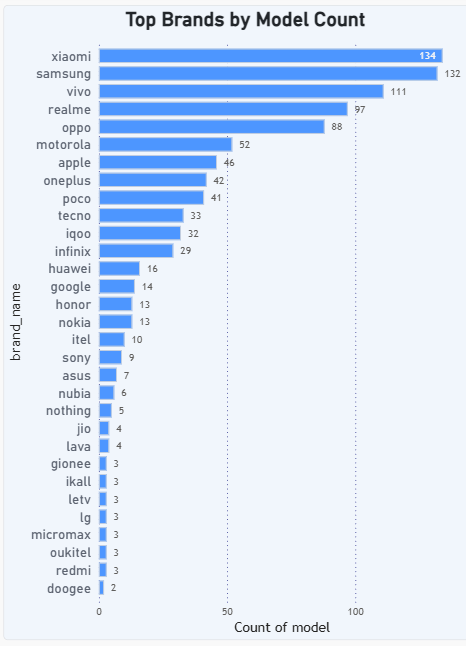
**MOBILE EDGE REPORT**

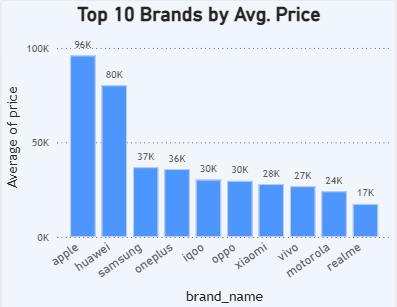
**Market Overview**

### ****Top Brands by Model Count****



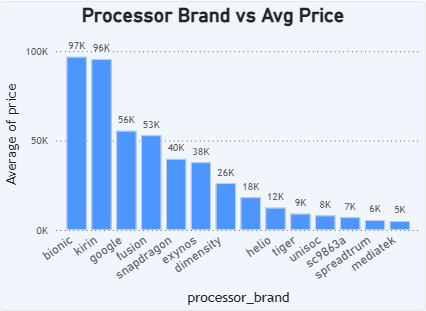
“This **horizontal bar chart** shows which brands have the most smartphone models.”  
***Xiaomi*** and ***Samsung*** lead with the highest number of models.  
This gives customers **more choices across all price ranges**, from budget-friendly phones to premium devices. On the other hand, **brands with the least presence** include:  
*Nothing, Jio, Lava, Gionee, Ikall, Letv, LG, Micromax, Oukitel, Redmi, Doogee, Lenovo, Lyf, Royole, ZTE, Blackview, Blu, Cat, Cola, Duoqin, Leeco, Leitz, Sharp, TCL, Tesla, Vertu.*These brands may target **niche markets** or **release limited models**, focusing on specific user needs or regions.

### ****Top 10 Brands by Average Price****



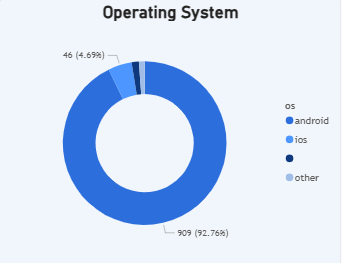
“A **bar chart** showing the **10 most expensive brands on average**.”  
***Apple*** and ***Huawei*** have the highest average prices across all models.  
This indicates they **mainly focus on the premium market** with **high-performance and luxury smartphones**.  
Realme has the **lowest average price** among the top 10, around **17K**, indicating its focus on budget-friendly models.

### ****Processor Brand vs Average Price****



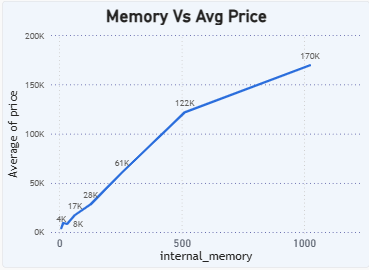
“This chart compares **processor brands** with the **average price** of phones using them.”  
Phones with **Bionic** and **Kirin** processors have the highest average prices.  
These processors are mostly found in **premium smartphones** with strong performance.  
Spreadtrum and Mediatek processors have the **lowest average phone prices** at 5**K–6K**, mostly used in ultra-budget smartphones.

### ****Operating System Distribution****



“A **donut chart** showing the share of each operating system used in the dataset.”  
 **Android dominates** the market with around **93%** of all models.  
Only a small portion uses **iOS**, mainly Apple devices.

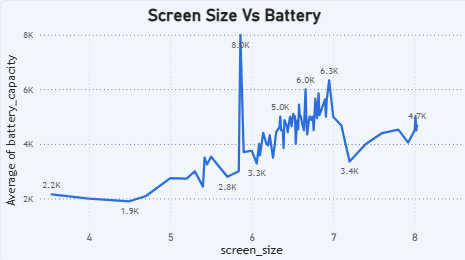
### ****Memory vs Average Price****



“A **line chart** showing how internal storage affects phone pricing.”  
Prices increase gradually as memory increases, but **jump sharply** from **500 GB to 1 TB**, indicating a **premium price tag** for high-storage models.

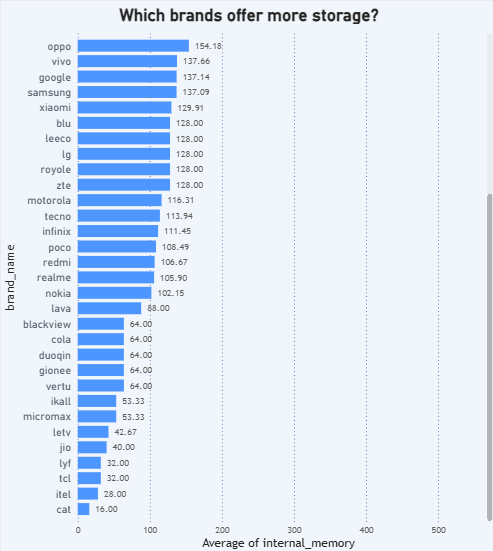
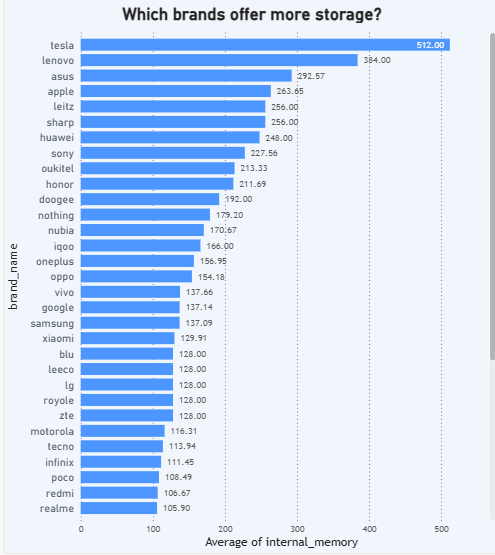
**Features Comparison**

### ****Screen Size vs Battery Capacity****



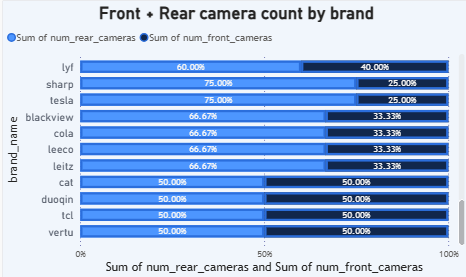
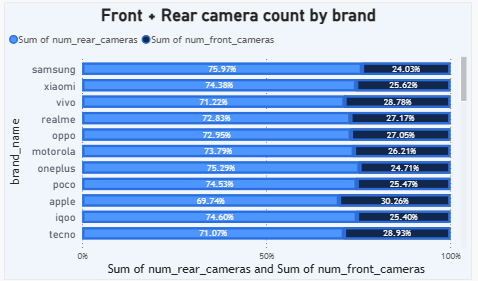
“A **line chart** visualizing how **battery capacity changes** with screen size.”  
The general trend shows that **larger screens** are usually paired with **higher battery capacity** to support extended usage.

### ****Which Brands Offer More Storage?****



“A **bar chart** ranking brands by their **average internal memory**.”  
***Tesla****,* ***Lenovo****,* and***Asus*** offer the **highest storage options**, going up to **512 GB**, which is ideal for users who store large files, videos, and apps.  
On the other hand *letv, jio, lul, tcl, itel, cat* offers lowest storage among the data.

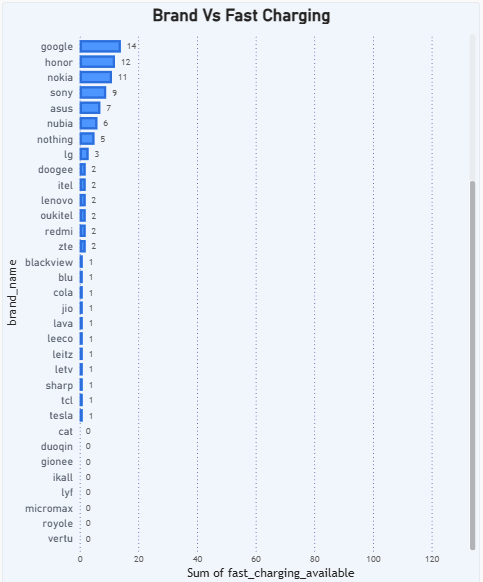
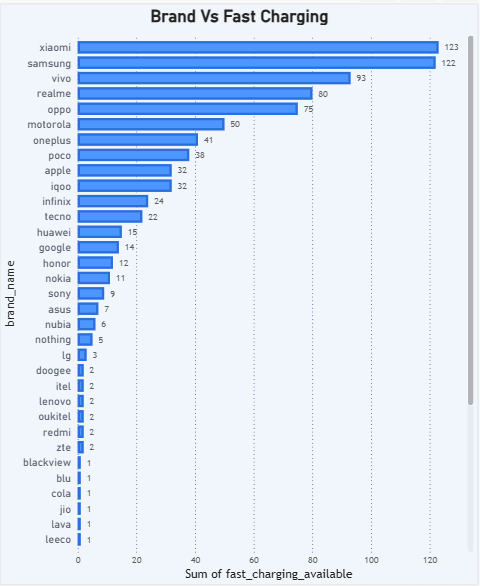
### ****Front + Rear Camera Count by Brand****



“A **grouped bar chart** showing the **total number of cameras (front + rear)** per brand.”  
For example, **Samsung has ~76% rear cameras**, indicating a **stronger focus on rear camera performance and multi-lens setups** for enhanced photography.

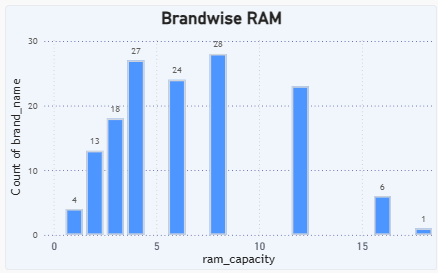
**Performance Insights**

### ****Brand vs Fast Charging Support****



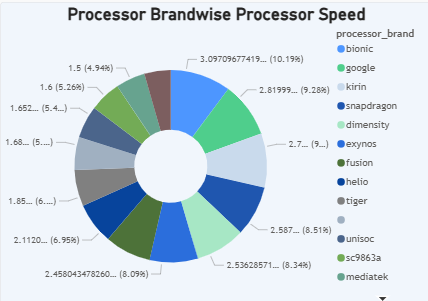
“A **bar chart** showing how many smartphone models per brand support **fast charging**.”  
 ***Xiaomi***and ***Samsung***lead in offering **more fast-charging-enabled phones**, improving user convenience.  
On the other hand *cat, duoqin, gionee, ikall, lyf, micromax, royole* and *vertu* have no **fast-charging-enabled phones.**

### ****Brand-wise RAM Capacity****



“A **bar chart** showing how many brands offer various **RAM capacities**.”  
4, **6 GB and 8 GB** RAM are the most common across multiple brands, balancing performance and cost.

### ****Processor Speed Distribution by Brand****



“A **pie chart** displaying the **processor speed distribution** across different processor brands.”  
This helps identify which brands dominate the **high-performance segment** based on average speed.