

**MOBILE PHONE**

**DATA ANALYSIS**

Through MySQL



**ABOUT THE DATA**

The data provides detail of mobile phones types and models available. The data set provides detail of each and every model i.e. its brand, price, memory, operating system, battery range, 5G availability etc.

This report provides insights of the data basically the demographics and to answer questions related to it. The basic purpose is to categorize the mobile phones available as per brand, memory, price & other features.

**BASIC QUERRIES**

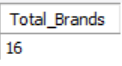
* Total Number of Mobile Phones

select count(Total\_Mobile) as Total\_Mobiles from mobile\_analysis



* Total Number of Brands

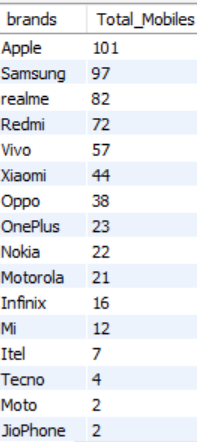
select count(distinct(brands)) as Total\_Brands from mobile\_analysis



* Total Number of Mobile Phones against each brand

select brands, count(Total\_Mobile) as Total\_Mobiles from mobile\_analysis

group by brands order by Total\_Mobiles desc;



**RESEARCH QUESTIONS**

Question 1:

List of Mobile Phones available ordered as per Price List?

select phone\_name, price from mobile\_analysis order by price desc;



Question 2:

Which are the ten most expensive phones?

select \* from mobile\_analysis

order by price desc

limit 10;



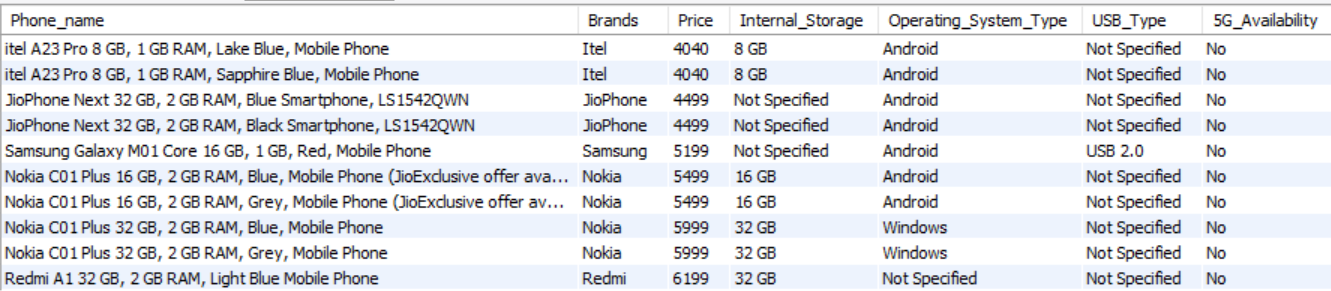
Question 3:

Which are the top ten cheapest phones?

select \* from mobile\_analysis

order by price

limit 10;



Question 4:

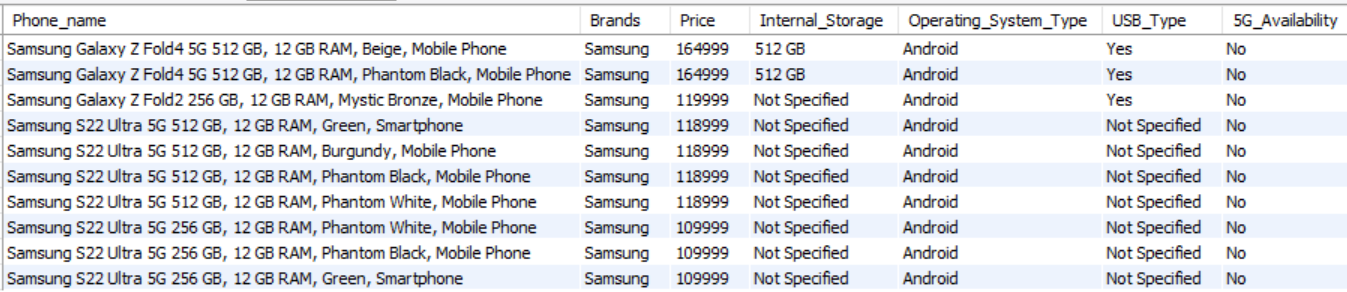
List of Top 10 Samsung phones as per price with all features?

select \* from mobile\_analysis

where brands = 'Samsung'

order by price desc

limit 10;



Question 5:

List of Top 10 mobile phones as per price with Android?

select \* from mobile\_analysis

where Operating\_System\_Type = 'Android'

order by price desc

limit 10;



Question 6:

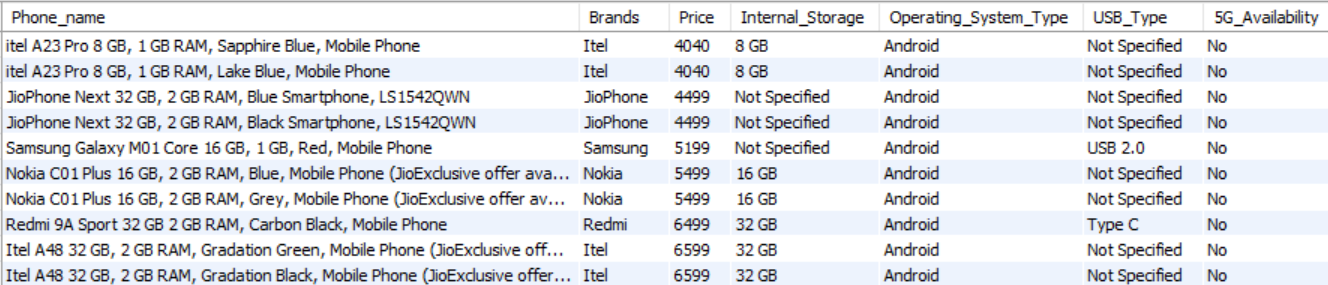
List of 10 cheapest mobile phones as per price with Android?

select \* from mobile\_analysis

where Operating\_System\_Type = 'Android'

order by price

limit 10;



Question 7:

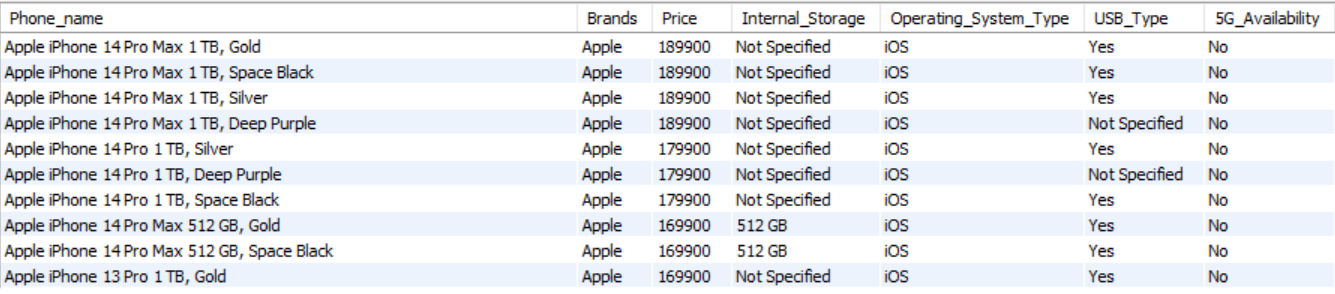
List of Top 10 mobile phones as per price with IOS?

select \* from mobile\_analysis

where Operating\_System\_Type = 'iOS'

order by price desc

limit 10;



Question 8:

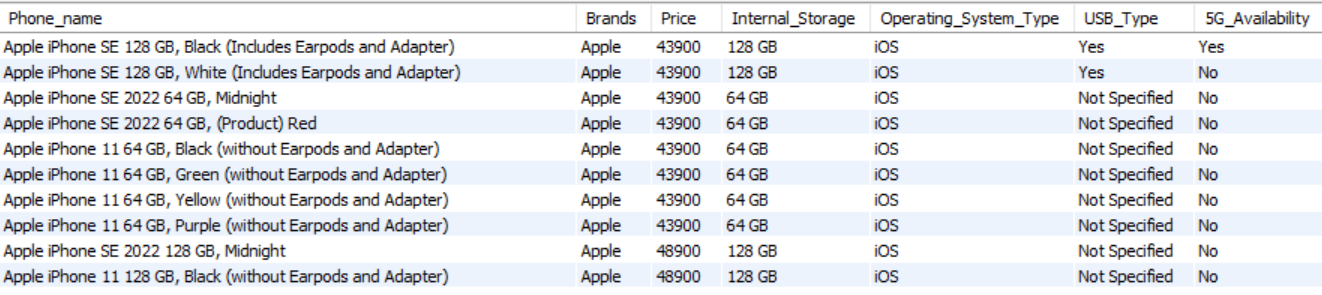
List of 10 cheapest mobile phones as per price with IOS?

select \* from mobile\_analysis

where Operating\_System\_Type = 'iOS'

order by price

limit 10;



Question 9:

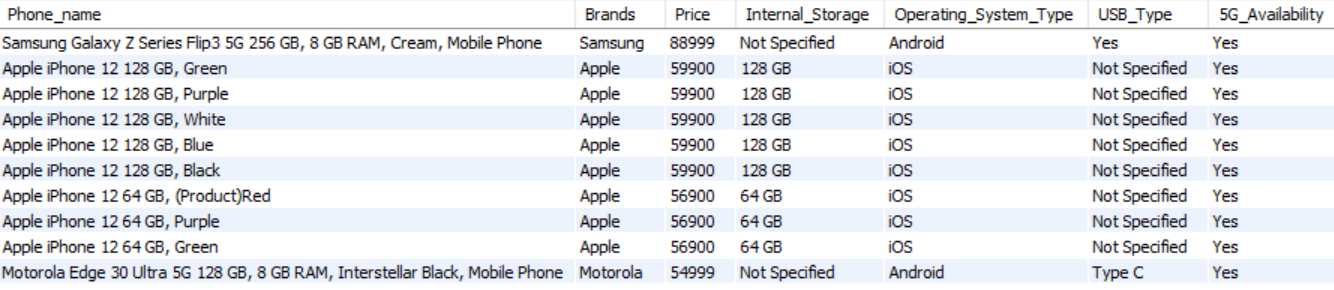
List of Top 10 mobile phones as per price with 5G?

select \* from mobile\_analysis

where 5G\_Availability = "Yes"

order by price desc

limit 10;



Question 10:

Total price of all mobiles of each brand?

select brands as Brand\_Name,

sum(price) as Total\_Price

from mobile\_analysis

group by brands

order by Total\_Price desc;

