```
[49]: import pandas as pd
       import seaborn as sns
      import matplotlib.pyplot as plt
       file_path = 'C:\\Users\\DELL\\Desktop\\Data Analytics\\DataSets\\Cleaned - Assignment.xlsx'
      Data = pd.read_excel(file_path)
      print(Data)
                                                     Model Battery Power (Mah) \
           Company Name
               Micromax BOLT S301 3G Without Charger
                                                                               1200
                                              A52 plus
                 Karbonn
                                                 A52 plus
                                                                               1300
                                               A40 Indian
                                                                              1400
                 Karbonn
                 Lava
                                           Iris Atom X
                                             Galaxy M21
Galaxy M31
       979
                Samsung
                                                                              6000
       980
                 Samsung
       981
                Samsung
                                              Galaxy M21
                                                                               6000
                 Asus
Asus
                                           ROG Phone II
       982
                                                                               6000
       983
                                              ROG Phone 3
                                                                               6000
                Battery Type Battery Performance Rear Camera Type Front Camera Type \
Normal Low Single Camera Not Available
                lithium-ion
                                                         Single Camera
                                                         Single Camera
Single Camera
                lithium-ion
                                               Low
                                                                             Not Available
                                                                             Single Camera
                     Normal
                                               Low
                lithium-ion
                                                        Single Camera
                                                                             Single Camera
                                               Low
       ..
979
                      Normal
                                 Extremely High Multiple Cameras
Extremely High Multiple Cameras
Extremely High Multiple Cameras
                                                                             Single Camera
                      Normal
                                                                             Single Camera
       980
       981
                      Normal
                                                                             Single Camera
                                   Extremely High Multiple Cameras
Extremely High Multiple Cameras
       982
                     Normal
                                                                             Single Camera
       983 lithium-polymer
                                                                             Single Camera
                                                     RAM
            Display in Cms. Display Type RAM
8.89 FWVGA 512 MB RAM
                                                                ROM Expandable Upto \
4 GB ROM Not Expandable
                                     HVGA 512 MB RAM
                         8.89
                                                               4 GB ROM
                                                              4 GB ROM
                                       HVGA 512 MB RAM
ORMAL 1 GB RAM
                         8.89
                                                                                      32 GB
                                    NORMAL
                                                               8 GB ROM
                        10.16
                                                                                      32 GB
                        10.16
                                       WVGA 256 MB RAM 512 MB ROM
```

[50]: [50]:	Da	Data.head()																
		Company Name	Model	Battery Power (Mah)	Datter y	Battery Performance	Rear Camera Type	Front Camera Type	Display in Cms.	Display Type	RAM	ROM	Expandable Upto	Colour	Price	Ratings	Reviews	Warranty Available
	0	Micromax	BOLT S301 3G Without Charger	1200	Normal	Low	Single Camera	Not Available	8.89	FWVGA	512 MB RAM	4 GB ROM	Not Expandable	black	2399	2.9	27	Warranty Available
	1	Karbonn	A52 plus	1300	lithium- ion	Low	Single Camera	Not Available	8.89	HVGA	512 MB RAM	4 GB ROM	32 GB	black & gold	3290	3.6	555	Warrant Available
	2	Karbonn	A52 plus	1300	lithium- ion	Low	Single Camera	Not Available	8.89	HVGA	512 MB RAM	4 GB ROM	32 GB	white & silver	2741	3.6	555	Warrant Available
	3	Karbonn	A40 Indian	1400	Normal	Low	Single Camera	Single Camera	10.16	NORMAL	1 GB RAM	8 GB ROM	32 GB	black	2499	3.6	183	Warrant Availabl
	4	Lava	Iris Atom X	1400	lithium- ion	Low	Single Camera	Single Camera	10.16	WVGA	256 MB RAM	512 MB ROM	32 GB	black	1999	3.2	252	Warrant Availabl

[51]:		Company Name	Model	Power (Mah)	Dattery	Battery Performance	Rear Camera Type	Front Camera Type	Display in Cms.	Display Type	RAM	ROM	Expandable Upto	Colour	Price	Ratings	Reviews	Warranty Available
	979	Samsung	Galaxy M21	6000	Normal	Extremely High		Single Camera	16.26	FULL	6 GB RAM	128 GB ROM	512 GB	raven black	17987	4.3	11	Warranty Available
	980	Samsung	Galaxy M31	6000	Normal	Extremely High	Multiple Cameras	Single Camera	16.26		6 GB RAM	128 GB ROM	512 GB	ocean blue	19948	4.4	78	Warrant Available
	981	Samsung	Galaxy M21	6000	Normal	Extremely High	Multiple Cameras	Single Camera	16.26		6 GB RAM	128 GB ROM	512 GB	midnight blue	17986	4.3	11	Warrant Availabl
	982	Asus	ROG Phone II	6000	Normal	Extremely High	Multiple Cameras	Single Camera	16.74		8 GB RAM	128 GB ROM	Not Expandable	black	39999	4.6	1918	Warrant Availabl
	983	Asus	ROG Phone 3	6000	lithium- polymer	Extremely High		Single Camera	16.74		8 GB RAM	128 GB ROM	Not Expandable	black	49999	4.5	205	Warrant Availabl























