Final Project Documentation

Choosing Good Mobile Phone

Project: In this project I had to predict a good mobile phone with various features which costs minimum. The main reason for choosing this project is because we all want to buy a good phone which gives us various feature but we want the cost to be very low when compared with other phones which are priced highly.

Data: I have created a dataset which have various attributes while we purchase a good mobile phone. The main attributes used while doing this project are brand, generation, network, primary camera, secondary camera, internal memory, external memory, standby time, gps, wifi, cost . They are explained below.

Brand: everyone look after to buy a good mobile phone from a their favorite brand.

Generation: we need to look out for the latest generation phone.

Network: The network plays a role while selecting the phone.

Internal Memory: we like big memory space so we need phone with good amount of memory.

External Memory: If we want to choose save various files and the internal memory has low space then we can store it externally.

Primary Camera: Everyone wants to have a mobile phone with a good camera which can take good quality pictures.

Secondary Camera: Most of the phones which are available in the market does not provide the secondary camera. Even though if they provide them they have low resolution.

Battery: The battery life of the phone plays a huge role while buying the phone.

Wifi: We need to look whether the phone is equipped with wifi option or not.

Standby Time: should check whether it stands for a longer time or not.

EDA: I have checked the missing values and the histograms for all the attributes in the dataset. I have produced the graphical plot for attributes individually.

I have chosen these attributes based on what one has to decide while buying the good phone at low cost. All the attributes play a major role while purchasing a mobile phone.

Explanation: In general when we think to purchase a good mobile phone there are certain factors which should be considered for buying it. The main things which we need to look out for while buying it is which brand is the phone? What are the features available in it? Whether is it using the latest technology? As all these are come under consideration we get confused and end up buying a phone which we do not like. This project helps us while buying the good mobile phone with ow cost which is our main agenda.