

Classification: Mobile Price affordability Prediction Case Study

Dataset: mobile_phones.csv

Context:

Mobile phones are the bestselling electronic devices as people keep updating their cell phones whenever they find new features in a new device. Thousands of mobiles are sold daily, in such a situation it is a very difficult task for someone who is planning to buy mobile phone , to decide affordability of the mobile should be.

Objectives:

- Find and explore the factors which affect the affordability of the mobile phones.
- To build machine learning classification model using Logistic Regression algorithm on mobile price affordability to classify the price range of mobiles.
- Please note our task is to classify the price range of mobile phones and not to predict the actual prices

Target Variable: “price_category”

Target Classes:

- 0 (low cost)
- 1 (medium cost)
- 2 (high cost)
- 4 (very high cost)