

# School of Computer Science Engineering and Technology

Course- BTech

Type- Core

Course Code-

Course Name- Statistical Machine learning

Year- 2023-2024

Semester- odd

Date – 10-08- 2023

Batch- ALL

Question 1:

<https://www.kaggle.com/datasets/iabhishekofficial/mobile-price-classification?select=train.csv>

From the above data:

- a) Read the data with pandas and find features and target variables
- b) Normalize the data with min-max scaling
- c) Split the data into train and test.

Question 2:

Bob has started his own mobile company. He wants to give tough fight to big companies like Apple, Samsung etc.

He does not know how to estimate price of mobiles his company creates. In this competitive mobile phone market you cannot simply assume things. To solve this problem he collects sales data of mobile phones of various companies.

Bob wants to find out some relation between features of a mobile phone (eg:- RAM, Internal Memory etc) and its selling price. But he is not so good at Machine Learning. So he needs your help to solve this problem.

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