

Case Study 03

Artificial Neural Network

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. Create an artificial neural network-based classifier to help Bob.

Data and class labels are available in **mobile_price_classification.csv** file. Use **price_range** column as label and remaining columns as data.



Please note the following:

Dataset is added along with

Do the assignment in Jupyter notebook/colab

Run all the cells

Give detailed explanation to each step

Add the .ipynb file to GitHub and share the link in Paatshala