**Mobile Price Classification**

**Problem Description**

XYZ has started their own mobile company. They want to fight hard battles with big companies like Apple, Samsung, etc. In this competitive mobile market, you cannot simply imagine things. To solve this problem you are collecting data on mobile sales of various companies. They want to find some connection between mobile features (eg: - RAM, Internal Memory, etc.) and their sales value. But they are not very good at Machine Learning. So they need your help to solve this problem. In this case, you do not need to predict the actual price but a price list that shows how high the price is.

Data Description

The data is divided into 2 groups:

**•** Training Set (train.csv)

**•** Test Set (test.csv)

The training set should be used to build learning models for your machine. In the training set, we provide the result (also known as a target label or class) for each mobile data point. A test set should be used to see how well your model is performing on intangible data. In the test set, we do not provide the result (targeted variable) of each mobile data point of sale. For each data point in the test, use a trained model to predict the price range.

**Output Format:**

A zip file named as (your\_name\_data\_scientist) contains:

**Submission file**: Contain two columns [id: Column present in the dataset, price\_range: Price range prediction by your model]

**Solution approach:** A Solution approach text document defining the approach you have taken for solving the problem.

**Code Notebook:** Code notebook (py, ipynb etc)