**CLASSIFYING THE PRICE OF MOBILE PHONES BY APPLYING ML MODELS WITH A MULTINOMIAL APPROACH USING PYTHON LANGUAGE**

**PROJECT CONCLUSION**

**BUSINESS PROBLEM STATEMENT**

Classify the mobile pricing in comparison with mobile set features. Additionally, identify which mobile features affecting the price most for a better mobile selling point.

**CONCLUSION**

Here the project was to classify the mobile pricing range. With the help of python libraries and visualizations, we noticed that some variables have a massive effect when it comes to deciding the phone's price. We tried two different methods to implement the ML models. The first one is hyperparameter tuning and the second one is K-fold cross-validation. Linear regression with K-fold cross-validation was giving us the highest accuracy score.