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| **Team Member’s Name, Email, and Contribution:** |
| **Name** - Ajit kumar patel  **Email** - [ajit04022000@gmail.com](mailto:ajit04022000@gmail.com)  **Contribution –** Everything (Individual Project) |
| **Please paste the GitHub Repo link.** |
| ***Github link*:-** <https://github.com/ajit04022000/Mobile_price_prediction.git> |
| **Please write a summary of your Capstone project and its components. Describe the problem statement, your approaches, and your conclusions. (200-400 words)** |
| **problem statement:**   * In the competitive mobile phone market companies want to understand sales data of mobile phones and the factors which drive the prices. The objective is to find out some relation between the features of a mobile phone (eg:- RAM, Internal Memory, etc) and its selling price. In this problem, we do not have to predict the actual price but a price range indicating how high the price is.   **Approaches :**   * At 1st Handel all the null values, Replace all null values in an appropriate manner * 2nd using different lenses(library) to view data across the segment. * 3rd Doing feature engineering to get columns which are best feated to ml model. * 4th Treet the outliers and skewness treet to the existing data. * 5th Implementing ml model and evaluate those models. * 6th store all the evaluate and fitted data into a data frame and taking the best model   **Conclusions :**   * In the competitive mobile phone market companies want to understand sales data of mobile phones and factors which drive the prices.The objective is to find out some relation between features of a mobilephone(eg:- RAM,Internal Memory, etc) and its selling price. In this problem, we do not have to predict the actual price but a price range indicating how high the price is. |

**Capstone Project Submission**