**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution:** |
| **Sanket Kamble** ([kamblesanket1833@gmail.com](mailto:kamblesanket1833@gmail.com))  ●contributed to this project, which I first completed on my own.  ●Upload dataset to Google Colab.  ● Analyze null values and filter them.  ● Data cleaning.  ● Data visualization.  ●Work on graphs.   * EDA * Correlation Analysis * Multicollinearity Test * Data Preprocessing * Machine Learning Model   ●Model selection   * Conclusion   ●PowerPoint presentation  ● Correction of data types.  ● Technical documentation  ●Project Summary |
| **Please paste the GitHub Repo link.** |
| **Github Link** :-  https://github.com/Sanketkamble01/YES-BANK-Stock-closing-price-prediction |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |

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| PROBLEM STATEMENT:  Yes Bank is a well-known bank in the Indian financial domain. Since 2018, it has been in the news because of the fraud case involving Rana Kapoor. Owing to this fact, it was interesting to see how that impacted the stock prices of the company and whether Time series models or any other predictive models can do justice to such situations. This dataset has monthly stock prices of the bank since its inception and includes closing,  starting, highest, and lowest stock prices of every month. The main objective is to predict the stock’s closing price of the month.  Summary:  Yes Bank is a recognized bank in India's financial sector. Yes bank refers to Youthenterprise Scheme Bank. This bank listed in share market. . The aim of this project is to construct a predictive model for close price prediction. The main point of the stock market is that people try to buy shares in a lower price and sell them when the price goes up, thereby making a profit. Any stock's price may vary depending on a number of variables. Events like the bank management personnel fraud case undoubtedly have a significant impact on stock prices.  Thus we are looking on such one case of Rana Kapoor yes bank fraud case. In order to forecast how other relevant features will affect the stock closing price of the bank, I have been given a dataset of Yes Bank stock prices. Several machine learning models have been applied to make a prediction. |