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| CAPSTONE PROJECT -2 | |  |
| Title- SEOUL BIKE SHARING DEMAND PREDICTION  [MACHINE LEARNING REGRESSION] | |  |

Individual contribution and Reflective Report

Sprint 1:

I tried to understand the main objective of the project and studied the data provided. For further understanding of the project I took the help of the internet and saw various articles present there related to the topic .

Sprint 2:

For this 2nd sprint I created a work frame i.e. the things that I have to do in order to complete this project successfully .

Sprint 3:

Now in the 3rd sprint I did the coding on google colab notebook.

After performing the basic steps like importing libraries, importing data cleaning data etc. I started the EDA using Pandas, NumPy, Matplotlib printed scatter plot,correlation matrix,checked for skewness,applied transformations.

Sprint 4:

After the transformation part was done ,model creation was done and four different models were implemented and various coefficients were derived.

Sprint 5:

In the final sprint,5th sprint I made the PPT slides stating the workflow, EDA steps,Skewness check,transformation techniques and model creation and summary of the project.

This was my second project and doing this project I got the chance to learn various new things and faced various challenges especially in the coding part. As I am not very familiar with the coding part there were many things that I have learnt and still there are many things that I have to learn and enhance my skills. Working individually on the project was quite challenging as there was no one on whom I can depend, I had to get solutions to all my problems on my own. Overall experience was very nice and I got to learn new things and will further work on strengthening my weak points.