



CODING CLUB- ML

TASK 1

LEVEL 1

- I drew different graphs with various independent variables which I believed were useful for analysis. I included all the relevant graphs for this level

LEVEL 2

- I cleaned the data by filling the missing values with mode of the respective fields. I used mode as the data was discrete hence it seemed the most appropriate

LEVEL 5

- I made the visual plots using fields that had direct correlation with relation. Couldn't do much after that

LEVEL 3

- I found out related fields and tried to decode the relation between them with the help of graphs. I used bar graphs as they seemed the most appropriate given the discrete nature of data as well as they are easy to analyze.

Level 4

- I had done this without using decision tree at first which resulted in low accuracy. I shifted to decision tree and kept changing the max_depth and min_samples_leaf until I got maximum accuracy

TASK 2

I was able to make the model by following the resources but was unable to proceed after that.