**PERSONAL REFLECTION**

Name: Mell Edzan Bin Mustapha

Group: Avengers

Projects:

Case study 1 is fun since we got to learn more method to work with the data through hands on experience. Learned a lot of interesting methods to do different kinds of things to the data. Through experience we learned the important of skewness and data pre-processing method. We also learned how to handle both categorical and numeric data type. During this case study we also have enough time to play around with different type of machine learning models and testing more parameters.

Case study 2 was simpler compared to case study 1 but the data is quite interesting because it forces us to research the data and what it represents before doing any of the Exploratory Data Analysis. The machine learning is quite straight forward and easy to do, same can be said with the dataset because it is already simplified and is quite clean.

The web app development is quite challenging because some of the team members have no background in html and are recently introduced to python. Need a lot of googling to do most of the editing for the web app but it is enjoyable nonetheless.

Teammates:

Both teammates, Shahrin and Noratysha are quite helpful and reliable during both the case study. They both perform their parts on time and with quality. Discussion with them are always fruitful especially in choosing the best method to do pre-processing and for finding the best performing machine learning.

Process:

The way my team do the project is by first doing the whole project by ourselves with the exclusion of the web app and later on present what we do to the other team members. We share our ideas and methods and together try to come up with a machine learning model from the ground up. The best performing model during our sharing session will be considered as the base model while its pre-processing method and the parameters will undergo changes and testing. During development we try to encourage each members to find more methods in order to increase the performance of the models.