## For this project I decided to choose these 2 machines learning algorithms:

1. **KNN (K- Nearest Neighbors):**

### This model did well with the data set as we got a score or 0.83. I used pipeline method for cross validation.

1. **SVM (Support Vector Machine):**

The SVM With Hyperparameter scored 0.68. Interesting fact is that without the hyperparameter tuning the accuracy was 0.88.

1. **Deep Learning Model with TensorFlow.**

Finally tried a deep learning model with TensorFlow. With this model I got an accuracy score of 0.86 but with a loss of 0.77. Which is not ideal. Hence we cannot consider this model ideal for this data set.

KNN would be my pick of the model for this data set.