Hackathon-Report

Vijay Varma - AI20BTECH11012

Kaggle Display Name : AI20BTECH11012

I trained two models.

The first model is trained using Light Gradient Boosting Machine Classifier with parameters

'learning_rate = 0.05', 'max_depth=15', 'n_estimators=500'.

The above parameters are chosen after training many models and comparing the accuracies.

The Accuracy obtained on Public Leader Board is **86.749%**.

The second model is trained using XG Boost Classifier with parameters 'learning_rate = 0.05', 'max_depth=10', 'n_estimators=170'.

The above parameters are chosen after training many models and comparing the accuracies.

The Accuracy obtained on the Public Leader Board is **86.736%**.

The above models are chosen so that they do not overfit on the training data and provide good accuracy on test data.

One of the main differences in both models is, in first model in the training and test data, there is an extra column called 'Weekday' compared to second model.