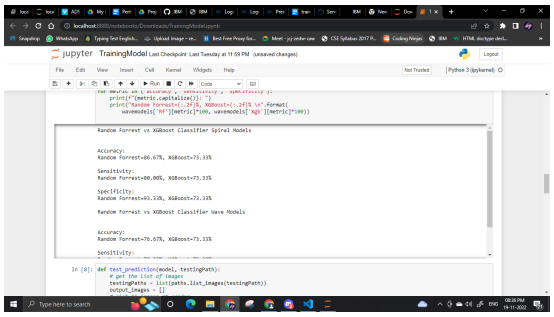
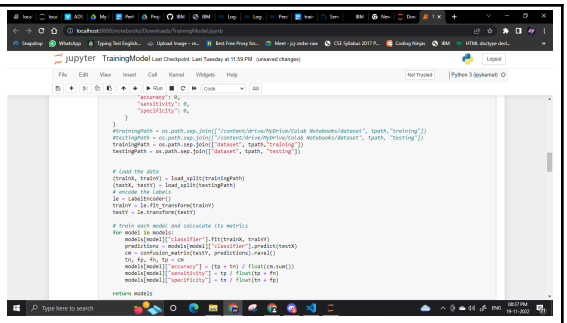
Project Development Phase
Model Performance Test

Date	10 NOvember 2022
Team ID	PNT2022TMID34818
Project Name	Project - Detecting Parkinson's Disease using Machine Learning
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Classification Model:** **Spiral Models:** Random Forest : Accuracy: 83.33% Sensitivity: 73.33%, Specificity: 93.33%, XGBoost : Accuracy: 60.00% Sensitivity: 93.33% Specificity: 26.67% **Wave Models:** Random Forest : Accuracy: 66.67%, Sensitivity: 60.00%, Specificity:73.33%, XGBoost **:** XGBoost=53.33% XGBoost=93.33% XGBoost=13.33%	

2.	Tune the Model	Hyperparameter Tuning - Validation Method - **Wave :** Training data:70% Testing data : 30% **Spiral:** Training data:70% Testing data : 30%