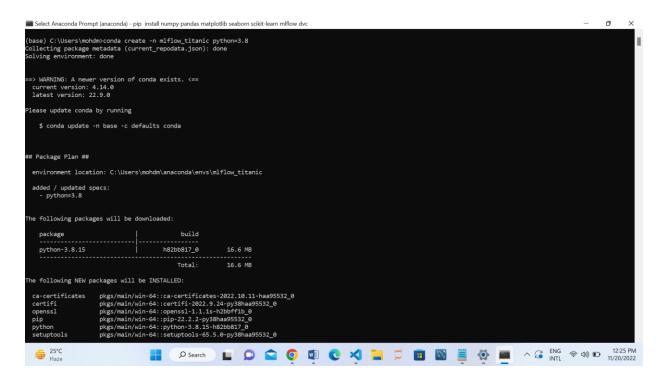
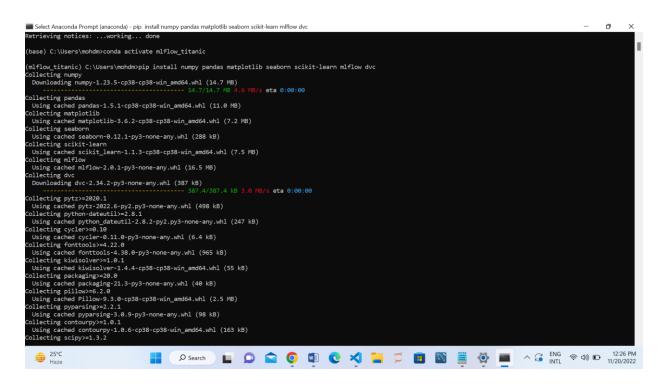
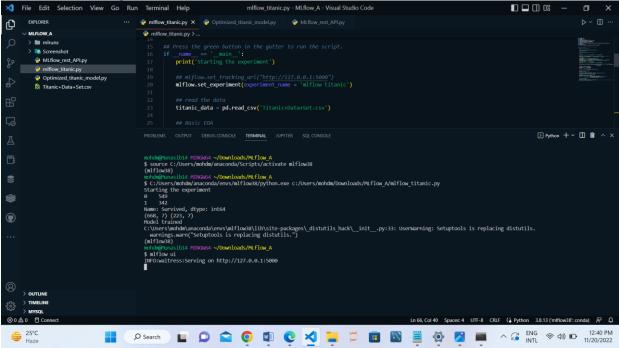
1)Install mlflow and required libraries:

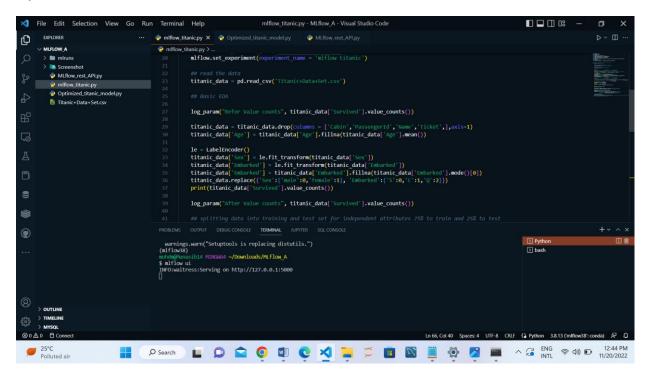




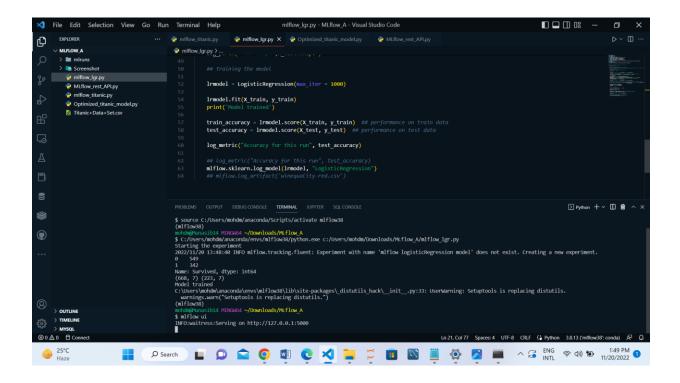
2)Load the given data



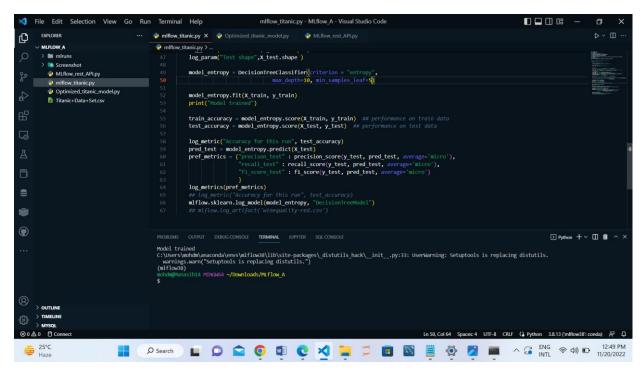
3) Perform basic EDA



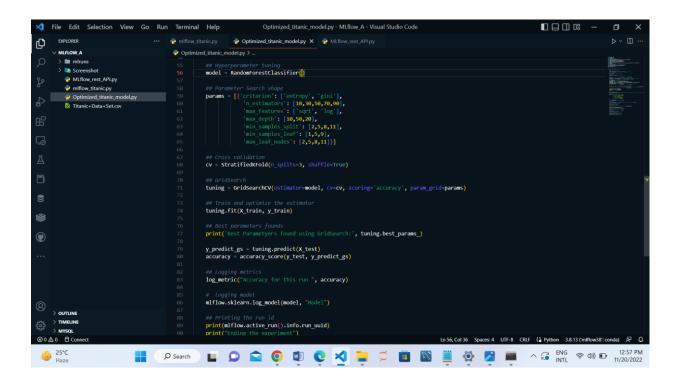
4) Training the Logistic Regression Model



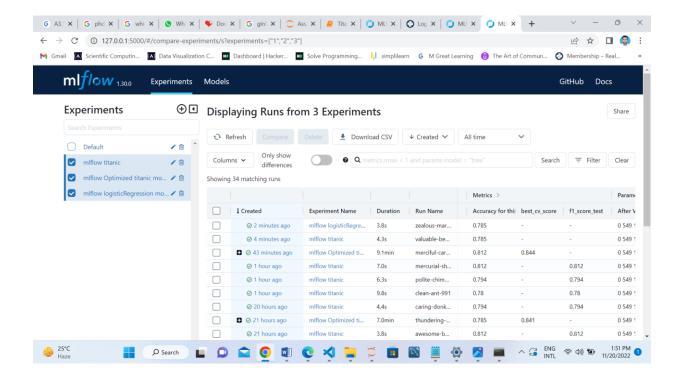
5) Training the Decision Tree Classifier Model



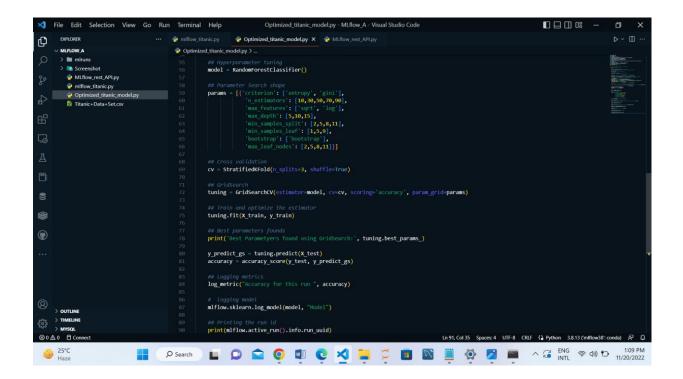
6) Hyperparameter tuning of Random forest Model and evaluation metrics like accuracy, precision, recall, f1 score.



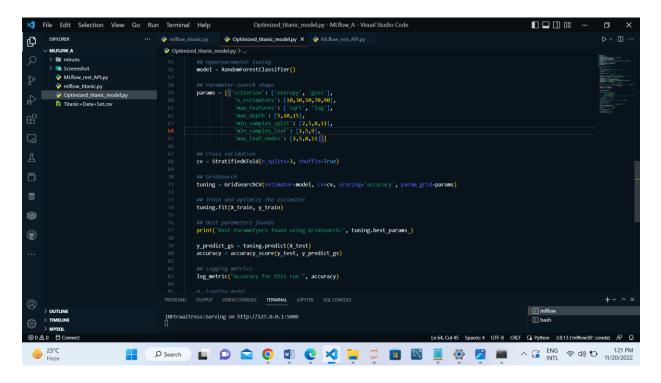
7) Tracking the logged parameters in mlflow ui



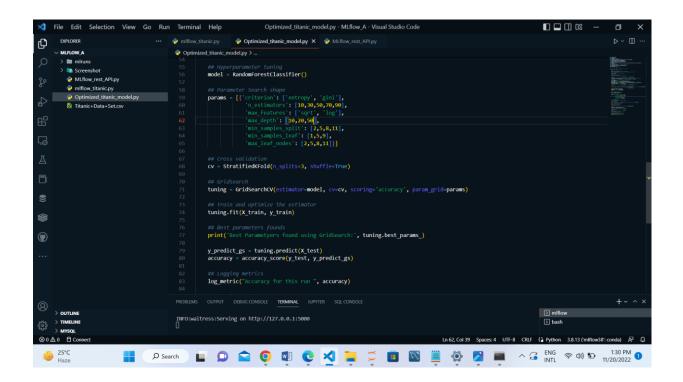
9)Making some changes in Hyperparameter of the model a)Run Name: merciful-carp-654 model parameters:



b)Run Name: thundering-yak-634model parameters



c)Run Name: bedecked-bug-891 model parameters



10)Comparing all three models

