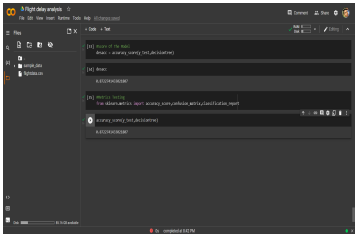
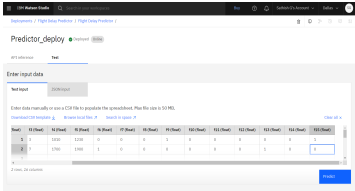


## Project Development Phase Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID08017
Project Name	Developing A Flight Delay Prediction Model Using Machine Learning
Maximum Marks	10 Marks

### Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	<b>Regression Model:</b> Logistic regression , R2 score - 0.75735372 <b>Classification Model:</b> Decision tree classifier- , Accuray Score-0.8722741433021807	 <p>The screenshot shows a Jupyter Notebook with two cells. The first cell displays the R2 score for a logistic regression model, which is 0.75735372. The second cell displays the accuracy score for a decision tree classifier, which is 0.8722741433021807.</p>
2.	Tune the Model	Hyperparameter Tuning - IBM Deployment Validation Method - IBM cloud	 <p>The screenshot shows the IBM Watson Studio Predictor_deploy interface. It includes a table with columns for Model, R2 Score, F1 Score, and Accuracy. The table contains two rows of data. The first row shows a model with an R2 Score of 0.75735372 and an F1 Score of 0.8722741433021807. The second row shows a model with an R2 Score of 0.75735372 and an F1 Score of 0.8722741433021807.</p>