# Project Development Phase - Sprint 4

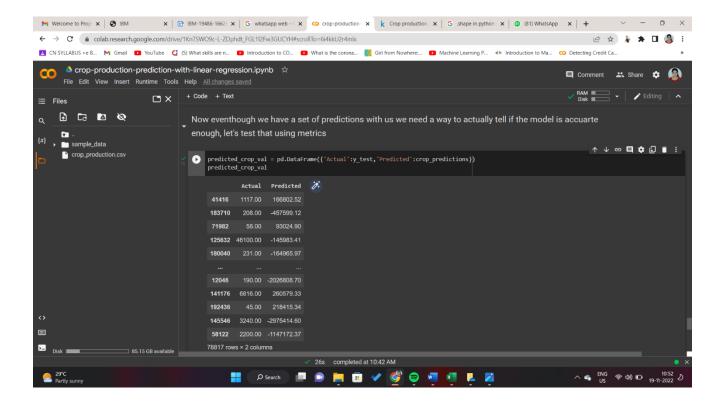
### **DASHBOARD**

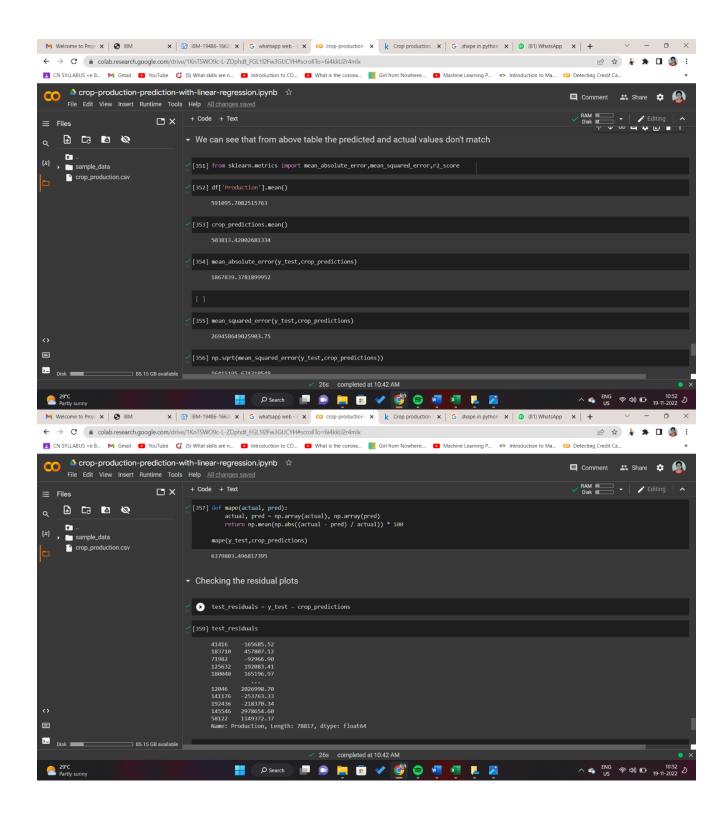
Date	19 November 2022
Team ID	PNT2022TMID27968
Project Name	Estimate The Crop Yield Using Data Analytics

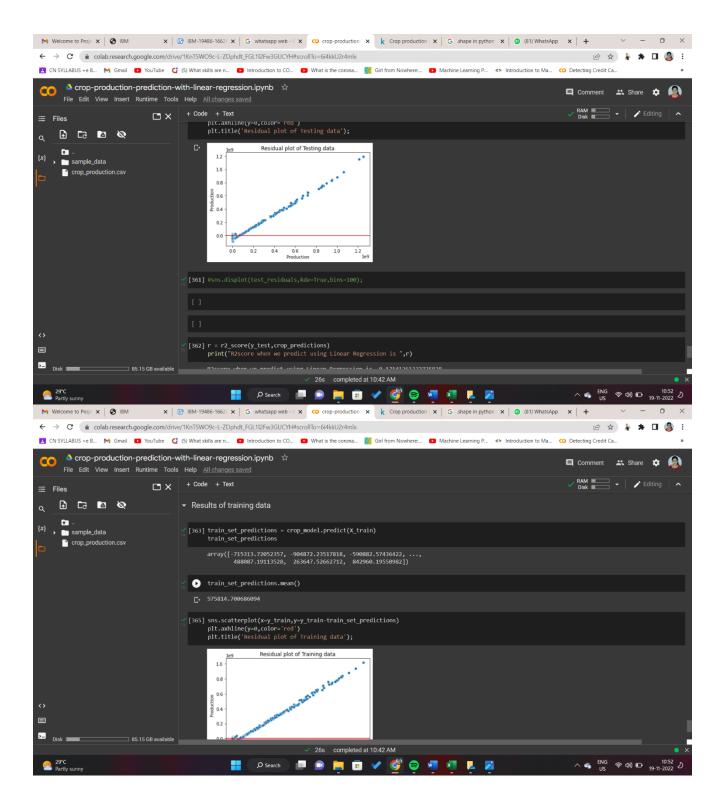
### TESTING THE ML MODEL AND OUTPUTS

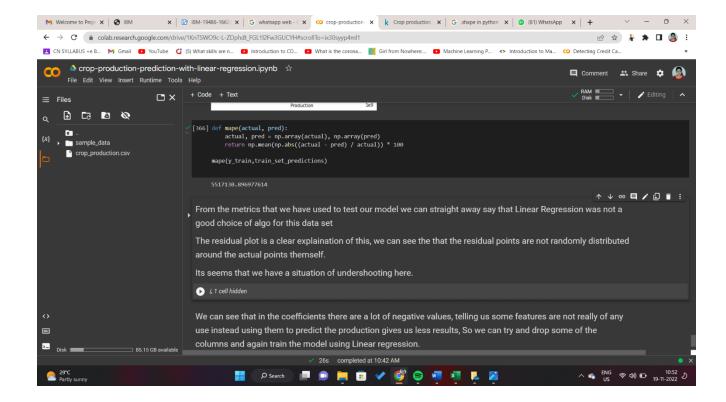
Using python prediction analysis we have tested the accuracy of the predicted data by verifying the test and train data.

# Testing the data:-









#### Conclusion:

From the metrics that we have used to test our model we can straight away say that Linear Regression was not a good choice of algo for this data set. The residual plot is a clear explanation of this, we can see the that the residual points are not randomly distributed around the actual points themself. Its seems that we have a situation of undershooting here.

Hence linear regression may not be an efficient model for the prediction of crop yield.