**Performance Analysis**

**Challenges**

* The initial challenges we had was loading the data. Hence we had to import the packages from spark to ensure we upload the data properly.
* We had another challenge in the connecting to the r package. So we ensured that we inserted the interpreter on to the zeppelin interface.
* The next challenge was we couldn’t get the linear regression running . Hence we solved the issue by running the multiple linear regression instead of a simple linear regression.

**Way forward**

* We are considering performing the cross validation analysis to get the accuracy of the model.
* Once we get the accurate result we might add the traffic data as advised by Brenton from liberty mutual to get the exact analysis.