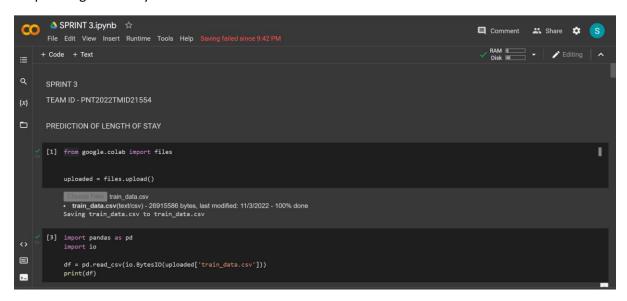
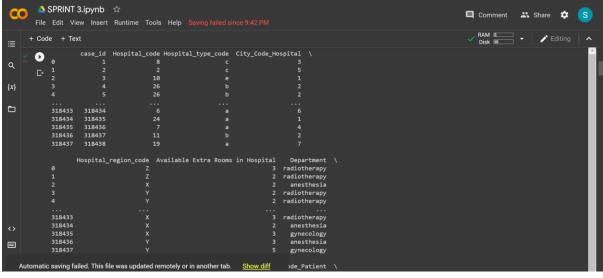
Sprint 3

TEAM ID - PNT2022TMID21554

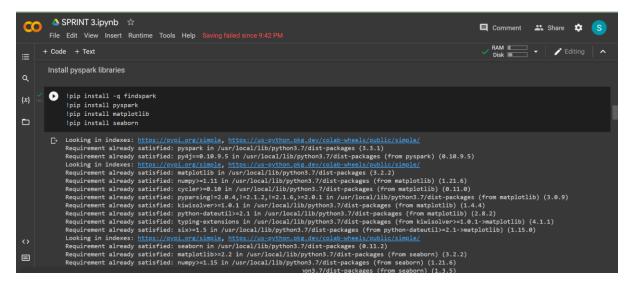
Prediction of Length of Stay

1. Uploading Necessary files

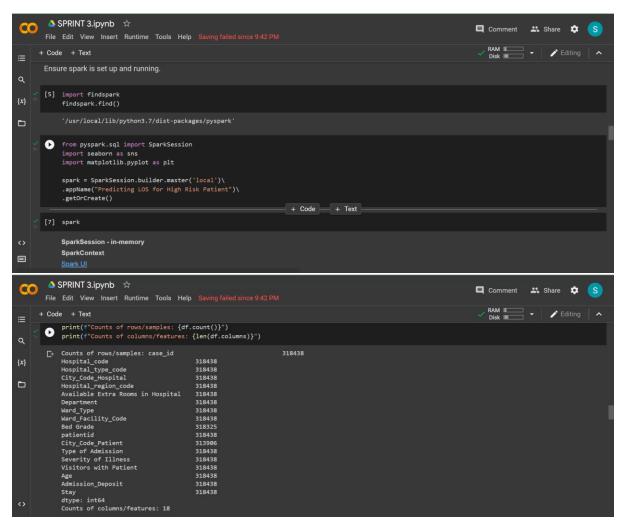




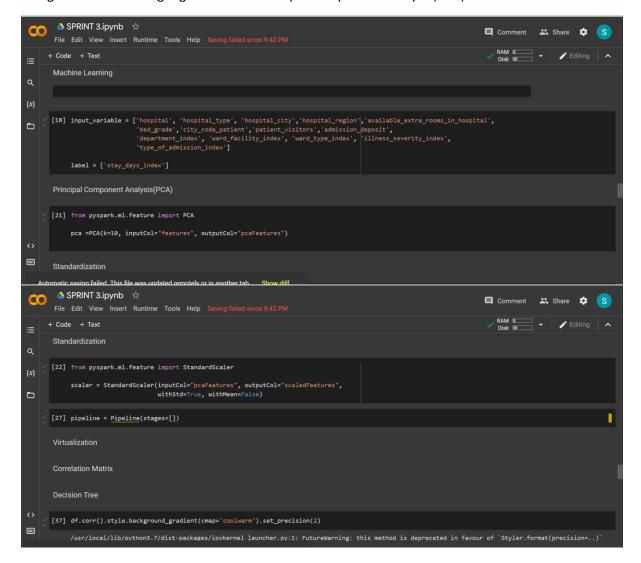
Installing pyspark Libraries



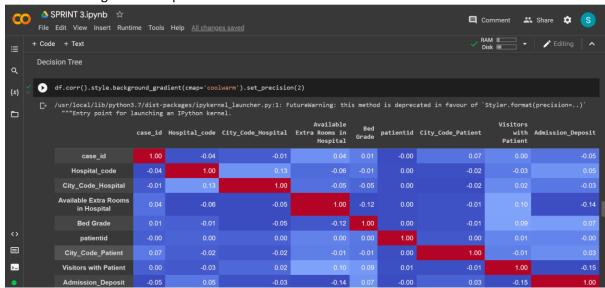
Ensuring spark is setup and it is running



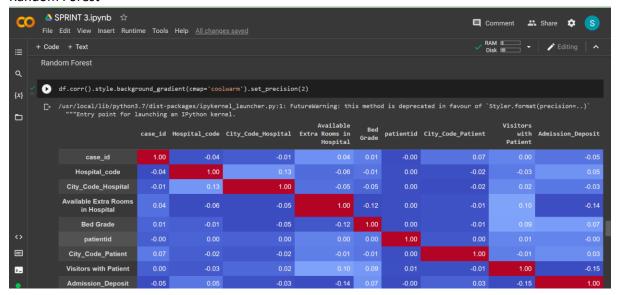
Using Machine Learning Algorithm and Principal Component Analysis(PCA)



Decision Tree Algorithm for prediction



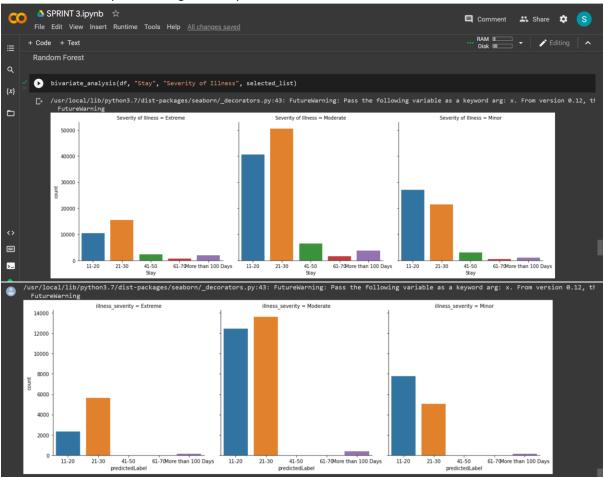
Random Forest



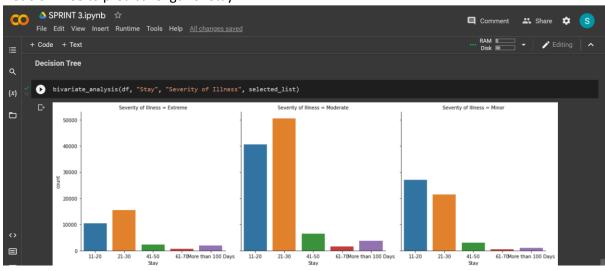
Bivariate Analysis

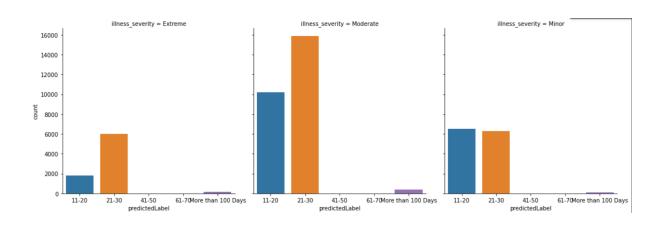


Random Forest to predict Length of Stay



Decision Tree to predict Length of Stay





Link
https://colab.research.google.com/drive/1Z6ZB9STV8FzW3ry-uNE0jDvupfpJxPLq#scrollTo=UPIncaqRxU8d