Adam –

We used Pandas for our data exploration and machine learning analysis on the data the data that we pulled from Kaggle.

Pandas was also used to transform the data into usable tables. We then exported them to create tables in our postgres database.

To make the database accessible to everyone on the team we used AWS and created a postgres database instance with in the RDS Management Console, this helped cut down on version control issues.

Out next step was to visualize our data which we used Tableau for. Tableau has a ‘connect to a server function’ which gives the ability to connect and pull data directly from postgres database.

Finally we wanted to display the tableau visualization, our gage chart(which was a created in pandas), and a graphic on a web browser.

This was achieved using VS Code to create HTML, JavaScript, and a css files. This was simplified by the share feature in tableau which has the embedded code that you can simply copy and past into you HTML to show the dashboard. You do need to share it on tableau public to use this feature.