**City Bike Analytics – Tableau**

**Aim** – to create 2 dashboards that have 2 visualizations based upon data from the citibike website, along with a Map showing the more popular stations

**Data source** – <https://www.citibikenyc.com/system-data>

**Analysis** –

As this data is for August 2020 it doesn’t come with Zip Codes in the data so there wasn’t a way for me to include them in the map.

Covid 19 will have impacted the results.

Overwhelmingly the NYCBS Depot – Delancey has many times over the highest average trip duration for End stations which could possibly be due to having a large workforce with many employees using the citibike to get to this station for their employment. The Bubble chart and bar chart show just how large the difference is.

The other dashboard shows the relationship between the top 6 starting stations and the geographical location of those 6 stations. It shows that the locations are all in different areas which would indicate there is no overwhelming area for the average trip duration and that it is spread more evenly as opposed to the ending station average trip duration dashboard

**Links to the 2 Dashboards**

<https://public.tableau.com/app/profile/brendan999/viz/TableauHomeworkpart3/AverageTripDurationStartingStation?publish=yes>

<https://public.tableau.com/app/profile/brendan999/viz/TableauHomeworkpart2/AverageTripDurationEndingStation?publish=yes>

**Link to the Density Map Dashboard**

<https://public.tableau.com/app/profile/brendan999/viz/TableauHomework_16653906092590/Map>