**#Tableau Assignment – Citi Bike Analytics**

Metadata used:

* Trip duration
* Start time and Date
* Stop time and Date
* Start station ID
* End station ID
* Station Address (Subscriber = Annual Member, Customer = 24-hour pass or 3-day pass user)
* Station Lat/Long
* Bike ID
* User Type
* Birth Year
* Gender (unknown = 0, male = 1; female = 2)

Chosen period: 06/2018 – 05/2019

Number of trips recorded: 18,806,954

Total Ridership Grown

A close up of a map

Description automatically generated

Proportion of short-term customer and annual subscribers changed

A close up of a map

Description automatically generated

Peak hours in which bikes are used during summer monthsA screenshot of a social media post

Description automatically generated

Peak hours in which bikes are used during winter months

A close up of a map

Description automatically generated

Top 10 stations in the city for starting a journey

A screenshot of a cell phone

Description automatically generated

Top 10 stations in the city for ending a journey A screenshot of a cell phone

Description automatically generated

Bottom 10 stations in the city for starting a journey

A screenshot of a cell phone

Description automatically generated

Bottom 10 stations for ending a journey A screenshot of a cell phone

Description automatically generated

Gender breakdown of active participantsA picture containing text, map

Description automatically generated

Gender outreach been in increasing female ridership over timespan A close up of a map

Description automatically generated

Average trip duration changes by age A close up of a map

Description automatically generated

Average distance in miles that a bike is riddenA screenshot of a cell phone

Description automatically generated

Bikes (by ID) are most likely due for repair or inspection in the timespan A picture containing screenshot

Description automatically generated

Variability of the utilization by bike IDA screenshot of a computer

Description automatically generated

Static Map of the most popular locations to start and end a journeyA close up of a map

Description automatically generatedA close up of a map

Description automatically generated

I have downloaded data from June 2018 to May 2019, since the data is too big to publish to the Tableau public; therefore, will summit through the slide with screenshot of the answer.