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City bike analysis

The purpose of this project is to assess where and when is the most usage of New York’s Citi Bike program is occurring in January of 2022. Data was obtained from <https://ride.citibikenyc.com/system-data>. To answer the question of when the most usage is occurring two visualizations were created showing the number of rides started and ended by hour of the day. We found that the most usage occurred between 4-8pm. To answer the question of where the most usage is occurring, we created two visualizations showing the most common start and end points. From that we can see that Grove St Path, is the most used station, followed by Sip Ave and Hoboken terminal. As requested by a city official we also created a map showing each station labeled by a circle that increases in size depending on the amount of traffic. From this map we can see that zip codes 07306,07302 and 07030 were the most common starting locations.