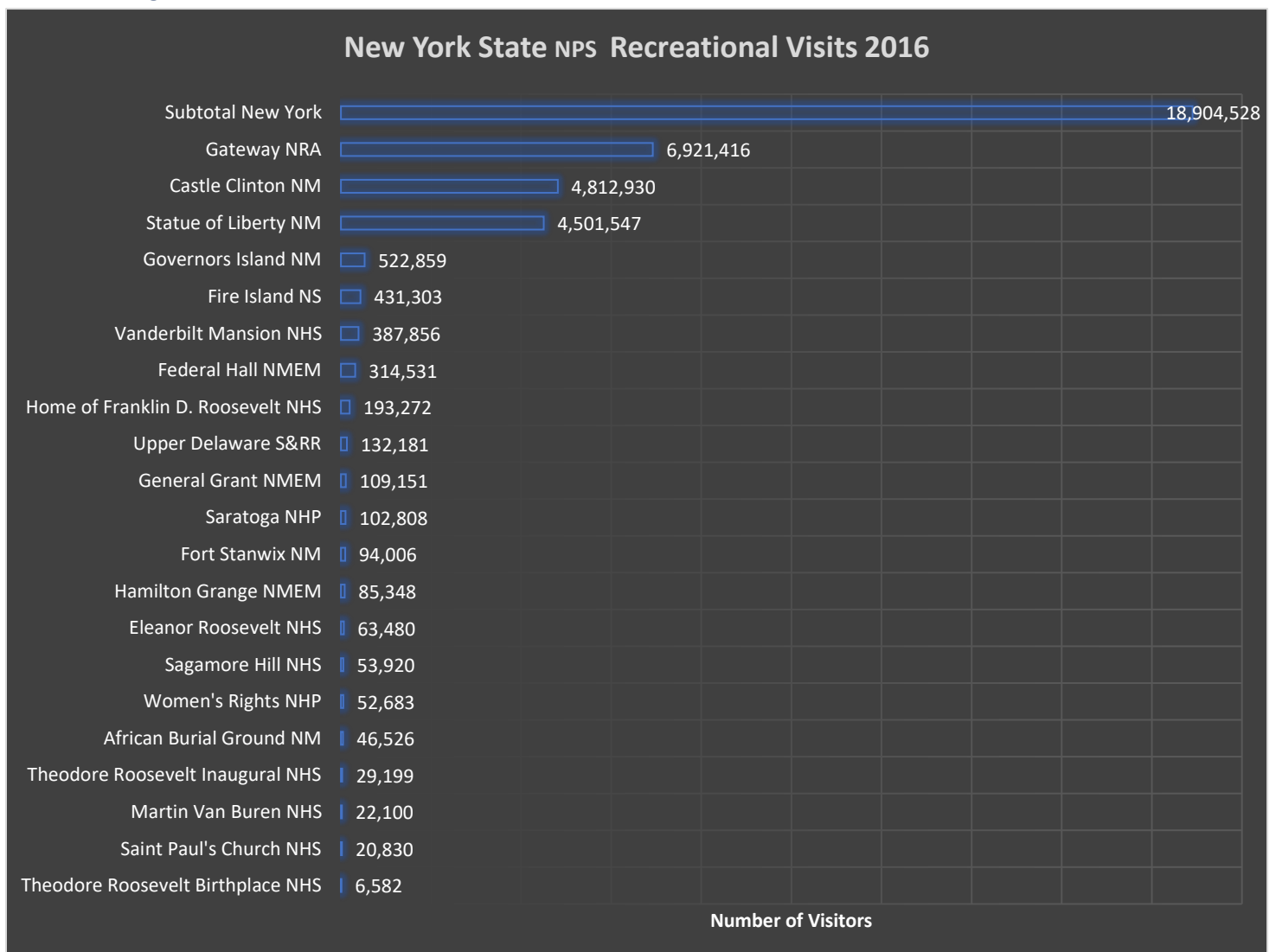


Data Visualization Project Summary

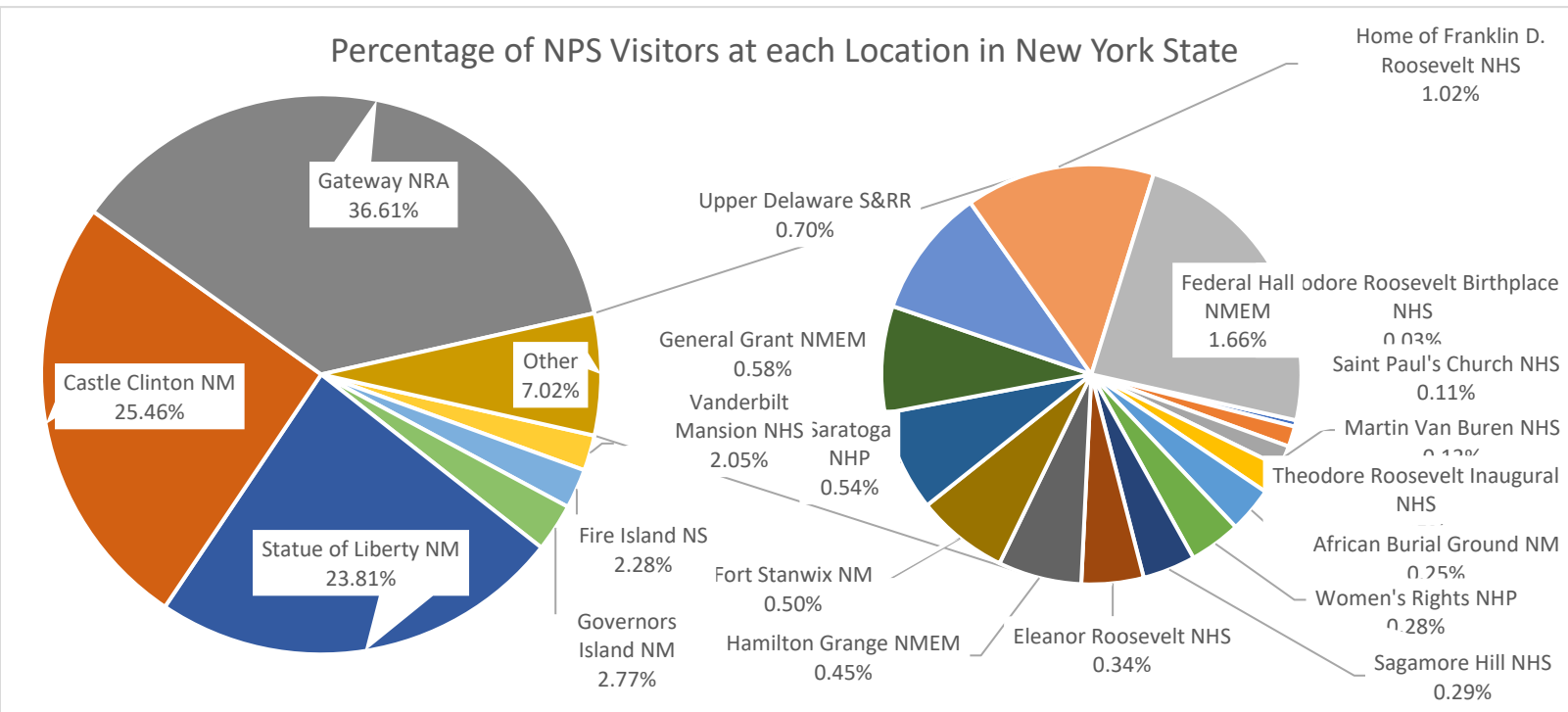
There are 21 parks located in New York State:

- Theodore Roosevelt Birthplace NHS
- Saint Paul's Church NHS
- Martin Van Buren NHS
- Theodore Roosevelt Inaugural NHS
- African Burial Ground NM
- Women's Rights NHP
- Sagamore Hill NHS
- Eleanor Roosevelt NHS
- Hamilton Grange NMEM
- Fort Stanwix NM
- Saratoga NHP
- General Grant NMEM
- Upper Delaware S&RR
- Home of Franklin D. Roosevelt NHS
- Federal Hall NMEM
- Vanderbilt Mansion NHS
- Fire Island NS
- Governors Island NM
- Statue of Liberty NM
- Castle Clinton NM
- Gateway NRA

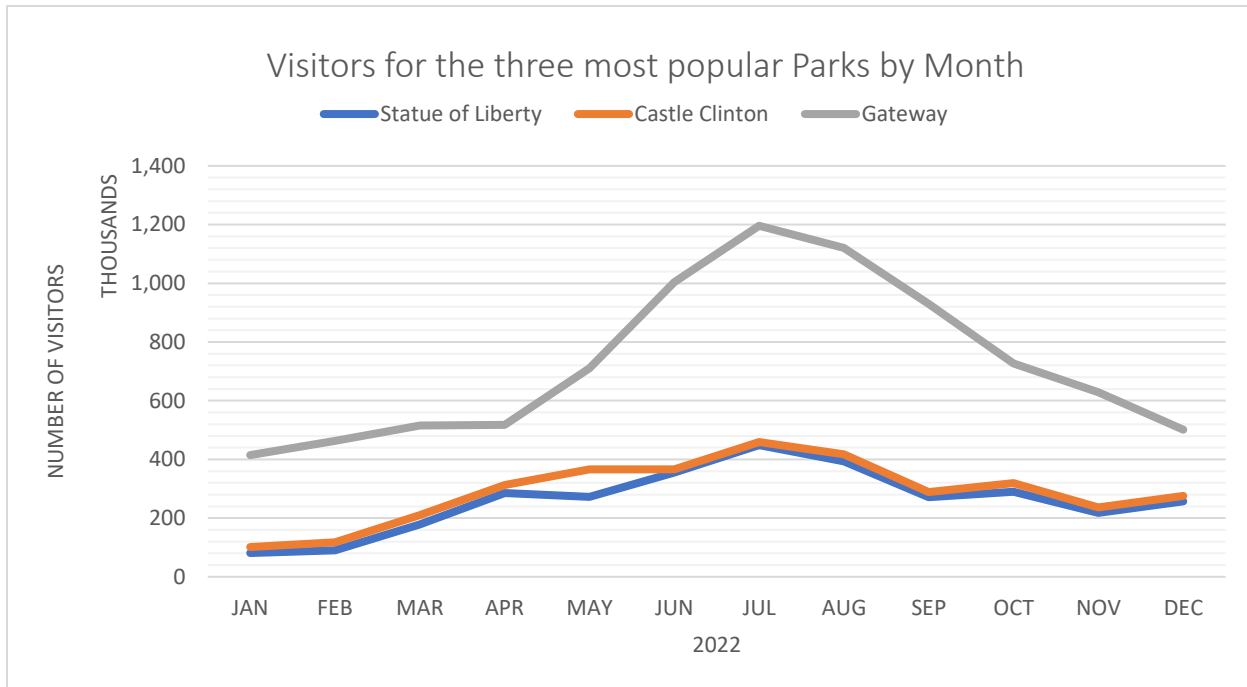
The Chart below summarizes how many people visited the park during the most recent calendar year available in the data, which was 2016. A bar chart was an appropriate choice because it can convey both total numbers and relationships between those values and naturally flows with longer data labels. From this visualization, one can immediately see which parks are popular among visitors.



To represent the percentage of visitors at each location in relationship to the total number of visitors, a pie chart is appropriate. Because There are many parks that attract a small percentage of visitors, an exploded view of the 'Other' category is added to complete the visualization. This graph is best viewed through the excel sheet of the project because of its horizontal orientation and scale. The Gateway, Castle Clinton, and Statue of Liberty are the most popular parks among visitors.



The chart below illustrates visitor numbers for the three most popular parks for 2022 broken down by month. The line chart was an appropriate choice because it can depict time-series data and represent several data series succinctly. From the chart below, it is apparent that all three parks experience a peak in visitor numbers in July.



Discussion

Each chart type has its use cases as described in each section. Time-series data is aptly represented through line charts, pie charts intuitively convey relationships between values, and the bar chart is a good summary method when there is one value to be depicted for many categories.