

Part 1: Planning the dashboard.

1. The dashboard will have the following list of elements:
 - Map – map of NYC.
 - Bar Graph – to summarize information (e.g., the top 5 busiest stations)
 - Line Graph – to show a time series (e.g., number of trips per month)
 - Text boxes – as titles, descriptions, and explanatory notes
 - Interactive features: filters (e.g., for users to select month and region)

2. Research Questions

- What are the most popular stations in the city by the number of bike trips (which are the least popular stations)? - bar graph
- Which regions in the city do these popular stations correspond to? – Choropleth Map
- In which months are the most trips taken? Is there a weather component at play? – line graph