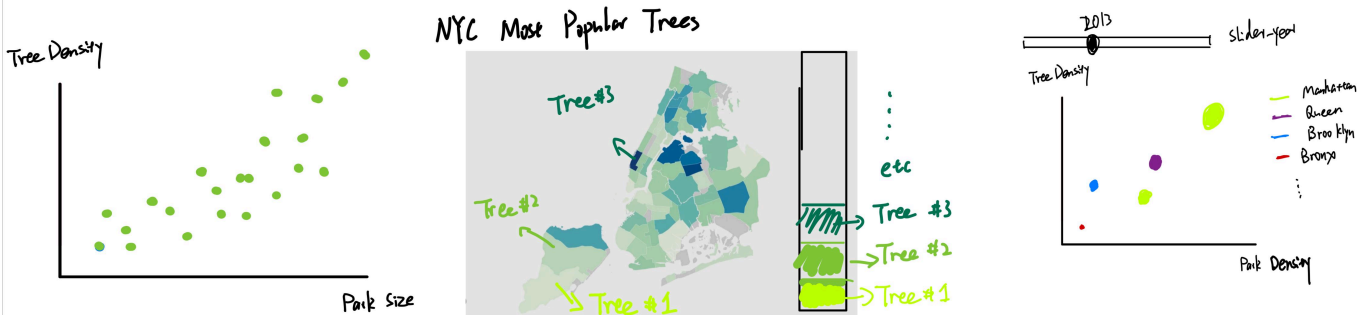# Final Project Process Book
Group A - CityGreenery

1. Static image
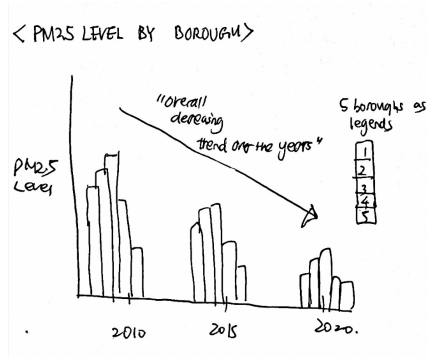   a. Comparison of Tree Density and Park Size

Potential Variables used: 'multipolygon' from park dataset; 'longitude_coordinate' and 'latitude_coordinate' from tree's NY data file
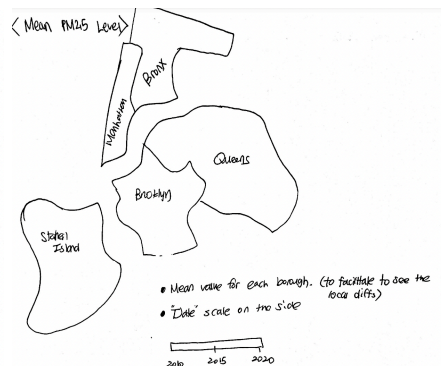Sample result: (change the size of each point for the borough)
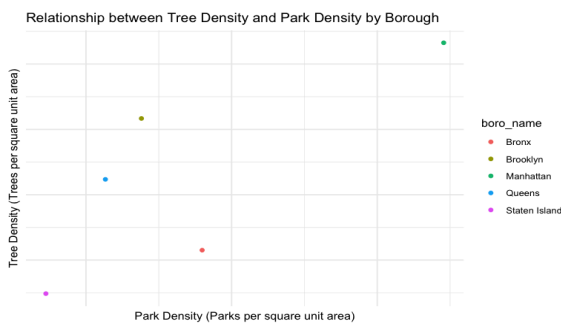
2. Air quality (Mean PM2.5 Level)
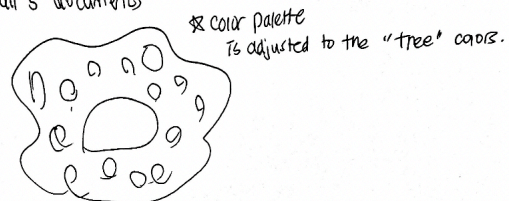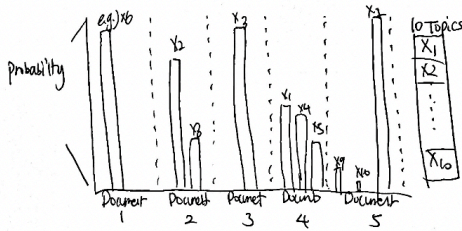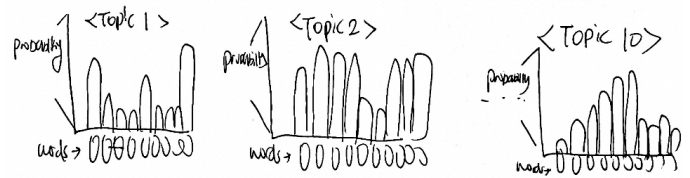   1) Static Plot: 2) Mapping:

3. Text Analysis

2) Top 10 Topics Distribution across Each Document

3) Top 10 Frequent words for each Topic
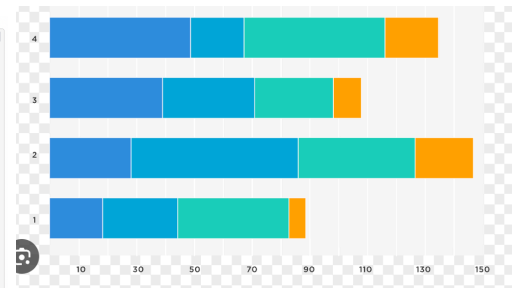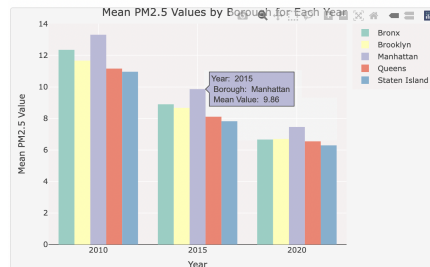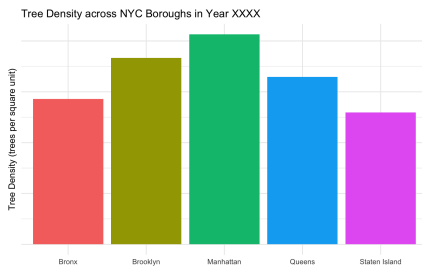
Tree density across boroughs
    Can make a shiny slider input on year.   b. Mean PM2.5 values across times
    Has year information.
    Basic format shown below

Impact of Green Spaces on Community Well-being:
    Potential Variables used:
Stacked bar of different kinds of trees across time
    Potential Variables used: "common_name" & "most_recent_observation_type"
Pie chart of tree conditions
    Potential variables used: "condition"