For the New York Basemap:

1. Please extract a dataset that differentiates between the boroughs in New York. I want to clearly represent that there are different boroughs.
2. Extract the following relevant shapefiles:
   1. Subway Stops
   2. Subway Lines
   3. Major Roads
   4. Median Household Income (may be in Census data)
   5. Bike Paths (if they have a shapefile with Bike Racks, that would be cool)
   6. Bus Stops
   7. Bus Lines
   8. Maybe any data that looks relevant regarding pedestrian paths; a walkability map would be beneficial

If there are any further relevant transportation attributes that you think we should utilize please incorporate them. For the map, I would like to run a hotspot analysis to show clustering of transportation infrastructure, such as bus stops and metro stops as well as conditions like income. If you do not know how to run spatial statistics in GIS, I can do this it will not take long.

The goal of the map is just to show trends. So when we are predicting mode choice, I want to be able to visibility show why more residents in Manhattan chose Subway and Vice Versa (or whatever conclusion we come up with).