Lab 1

Senior Population in Lower Manhattan and Emergency Services like Police and Hospitals around them.

(A) URLs to data

Raster - Senior Population Global Dataset
https://hub.arcgis.com/datasets/ed7fec2f168f46ed88f91c846bbec036
(Imported directly in ArcGISPro)

Raster - World Imagery
https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9
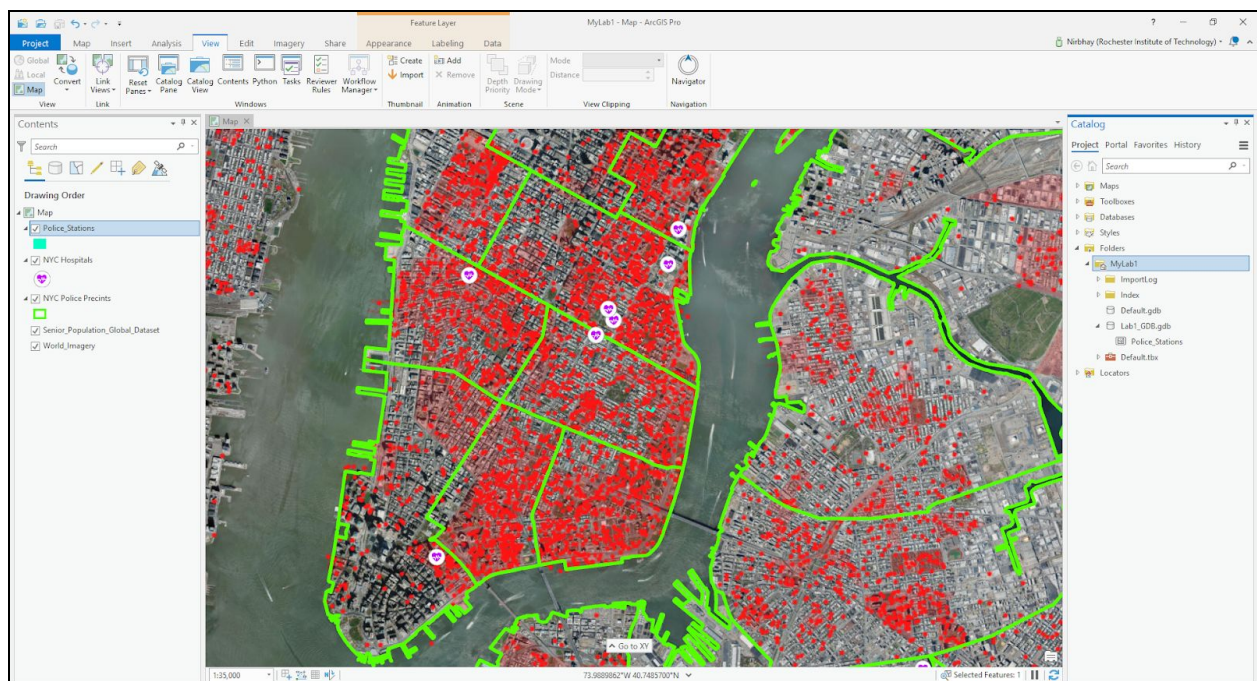(Imported directly in ArcGISPro)

Vector - NYC Police Precincts
https://hub.arcgis.com/datasets/b2b3bc9f23b24a6fb19da9624e71caf7_0

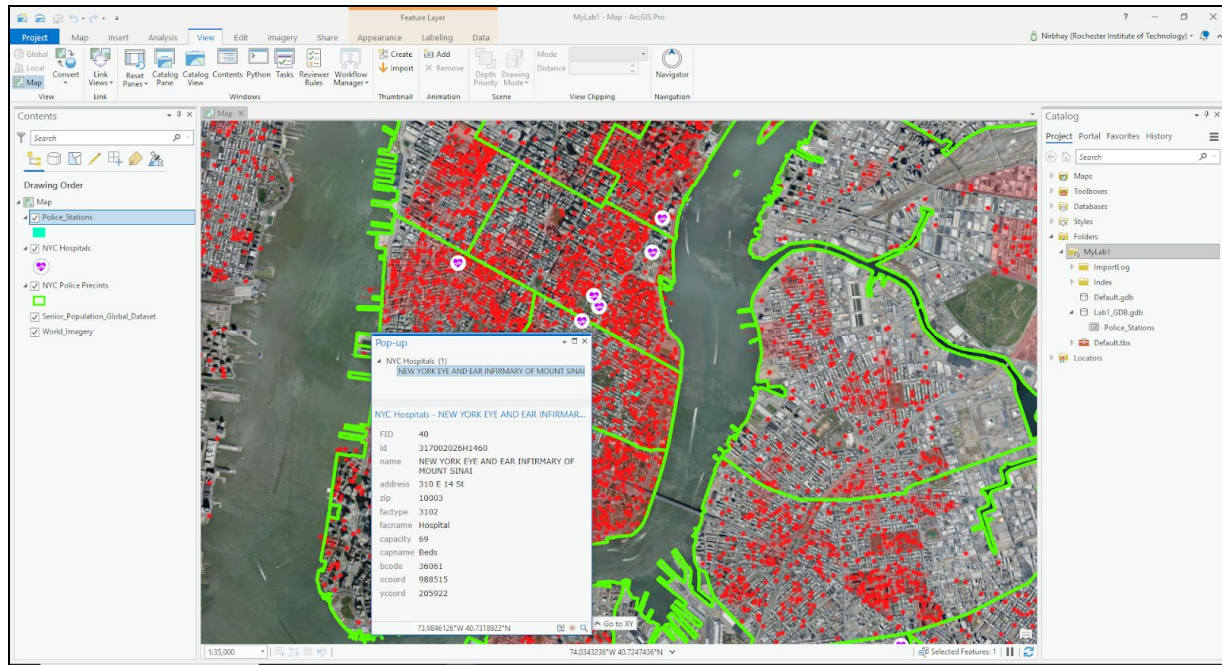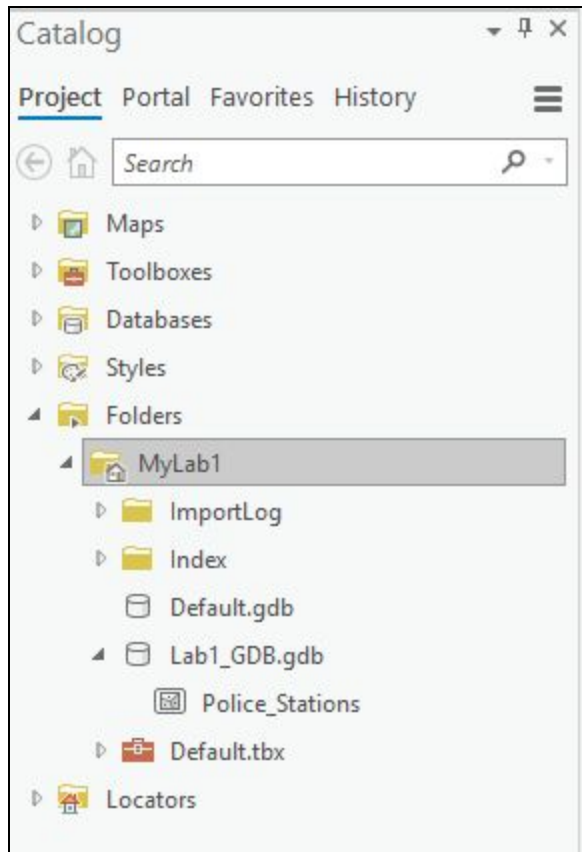Vector - 2015 New York City Hospitals
https://geo.nyu.edu/catalog/nyu-2451-34494

(B) Screenshot with all 4 layers (in my case 5)

(C) Screenshot showing one of the features identified (Hospital)

(D) Screenshot with File Geodatabase

(E) Discussion

I did not face any problems as such. I was trying to figure out the correct story I can create which took some time but otherwise I moved forward comfortably. I found that there may be a need for more hospitals and police services in lower manhattan seeing the senior population spread. But we can know more only after deep diving into how many requests are made too. Probably taking into consideration nyc311 and 911 data (if available) will we be able to make a better judgement call. [Police Stations is the custom layer created (One such feature can be seen on the right lower corner)]. I haven't completely decided on what I want my final project to be, but I am thinking something on the lines where I can have some definitive insights driven from the project and can also add some other visualization components to it. I will follow up with a more concrete answer in the coming week's activities.