

CE-432 Geographical Information System

Laboratory -2

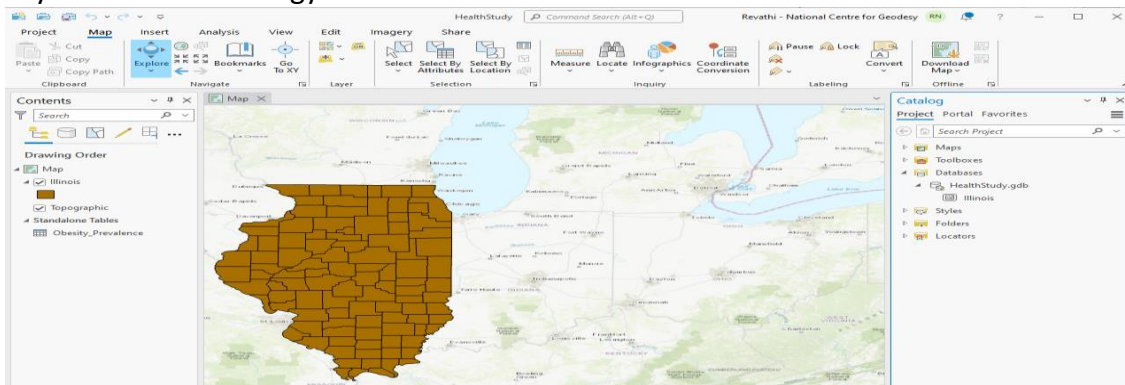
Objective

The main objective of this exercise is to get a basic understanding of the ArcGIS Pro software and to give an overview of the different tools in the software.

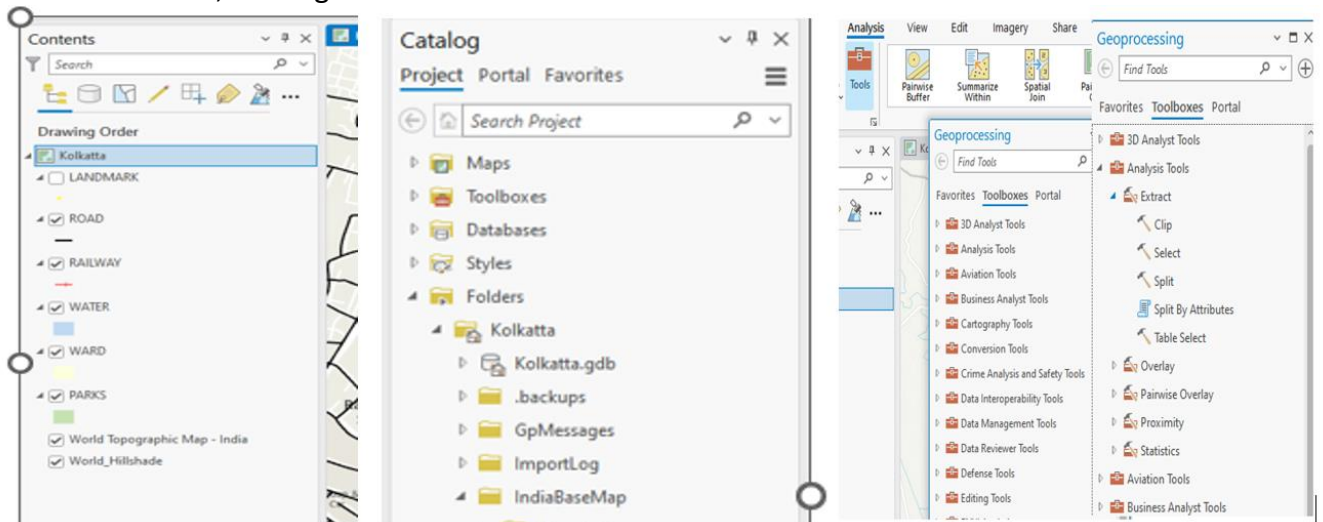
Software to be used: ArcGIS Pro

Topics to be covered

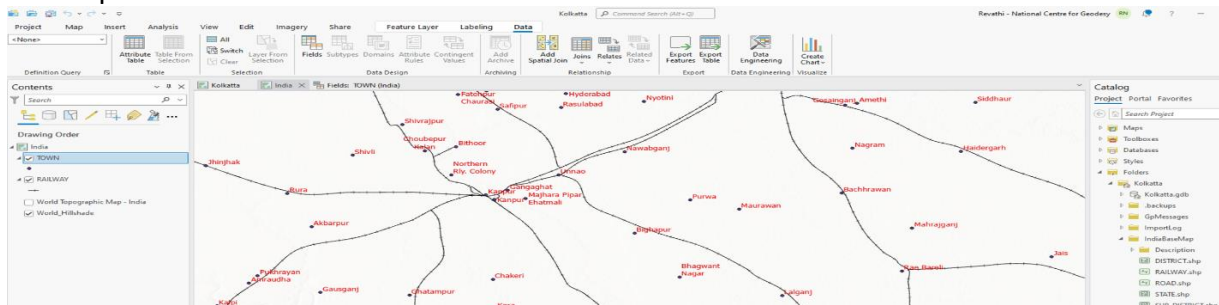
- Layout and Terminology



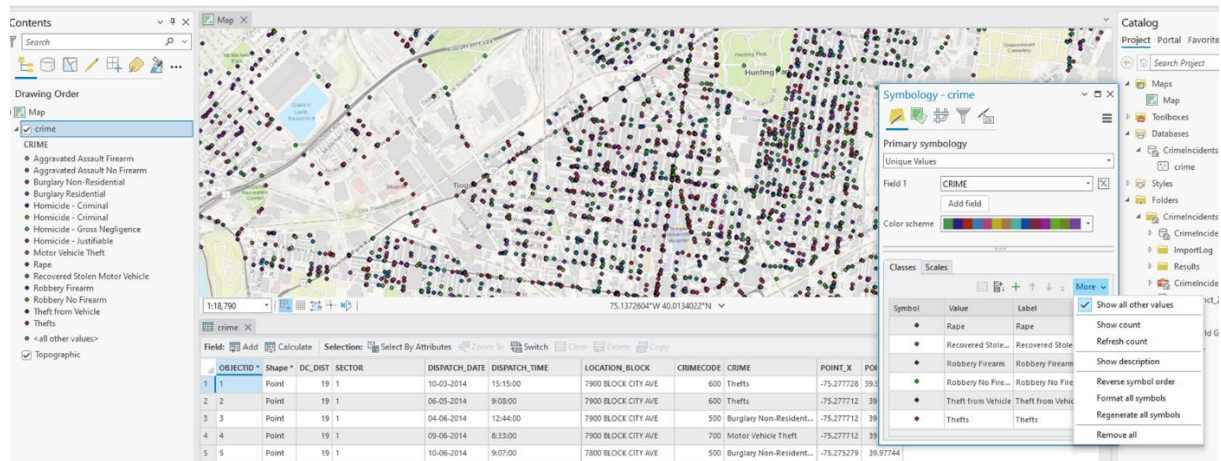
- Content Pane, Catalog Pane and Tools



- Map view



- Dealing with the data



- Project: Creating, working, and sharing

Exercise

1. Double click on the given package file for the lab (Lab2_AP.pptx, this is how projects are shared as package files)
2. This will open your ArcGIS Pro.
3. The screen is empty add Content and Catalog Pane
4. Add New Map and Name it "Kolkata"
5. To the map add the Feature Layers, Landmark, Parks, Road, Railway, Water
6. Using the left mouse button click on any Landmark. Note the POI_ID(point of interest) , Name and Category
7. Open One more Map and Name it 'India'
8. Add the Feature Layers India Railways & India Towns
9. How Many Towns are there in the India Towns Feature class

Information

First one hour will be an explanatory session by Dr Revathi where you will be given an overview of the software. In the next one hour you can explore the software and can perform the given tasks in the lab. You can get a Named User license and do the same from your laptops as well.

Submission

Will be communicated during the lab hours.