MAPATHON 2020

METHODOLOGY:

* The methodology mainly involves the extraction open archive data from ISRO database.
* By making use of qgis 3.16 hannover , the mapping has been completed.
* Primarily the district boundary has been layered.
* Following that the various like headquarters ,roads , rail routes has been mapped by making use of vector and rastor layer option.
* The concept of our mapping is based on the waste to wealth. It is nothing but the industries located within the district boundary.
* Coordinates of industries has been mapped by the method which converts the excel into the vector data.
* In the method, the name of company and their lat & long coordinates has been noted in coulnms of the excel sheet
* The excel sheet is saved in the CSV format.
* It is inserted by adding delimited layer option.
* After all the required font and attributes has been editing
* The final layout of the map is done on layout manager.
* In layout manager, the map is added, to which legends and north arrows are also included.
* Map description is added and team theme and details are finally added

COMPLEXITY:

* The major complexity faced is the extraction district boundaries from archive tiles.
* Secondly the exact coordinates of the industries.

APPLICATION :

The concept of the mapping is based on the topic called waste to wealth . For this we have chosen civil oriented company and industries which are cemented within our district (salem). Waste to wealth concept is nothing the waste which are proiduced in one sector of industries can be used as source for another industry . Like the slag and waste from steel and cement industries can be used to produce granite etc..