

DESERTION ON QGIS AND ITS USER INTERFACE ON THE BEHALF

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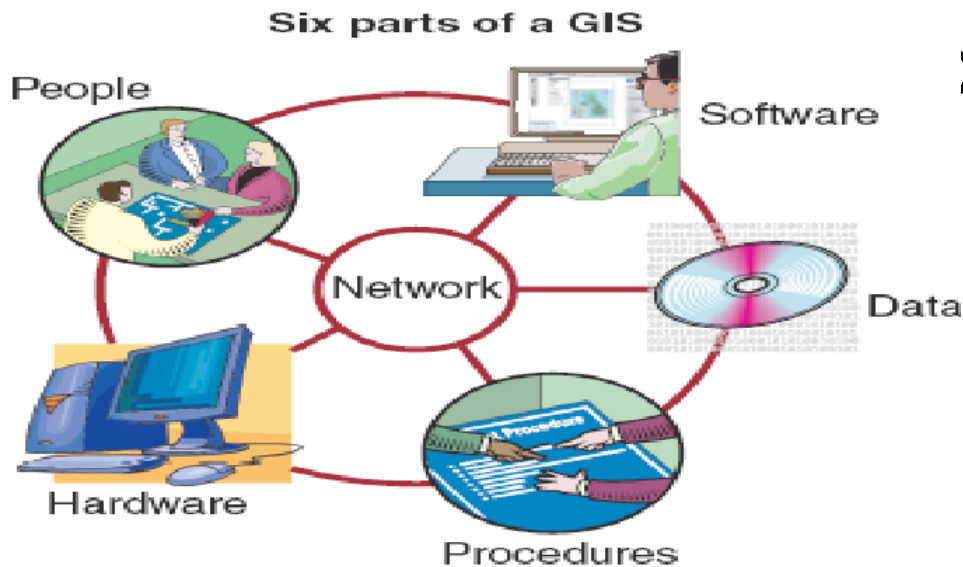
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GIS?

Geographic Information System (GIS) is a computer system for the collection, storage, monitoring and display of data related to the Earth's surface position

GIS can help people and organizations to better understand relationships..

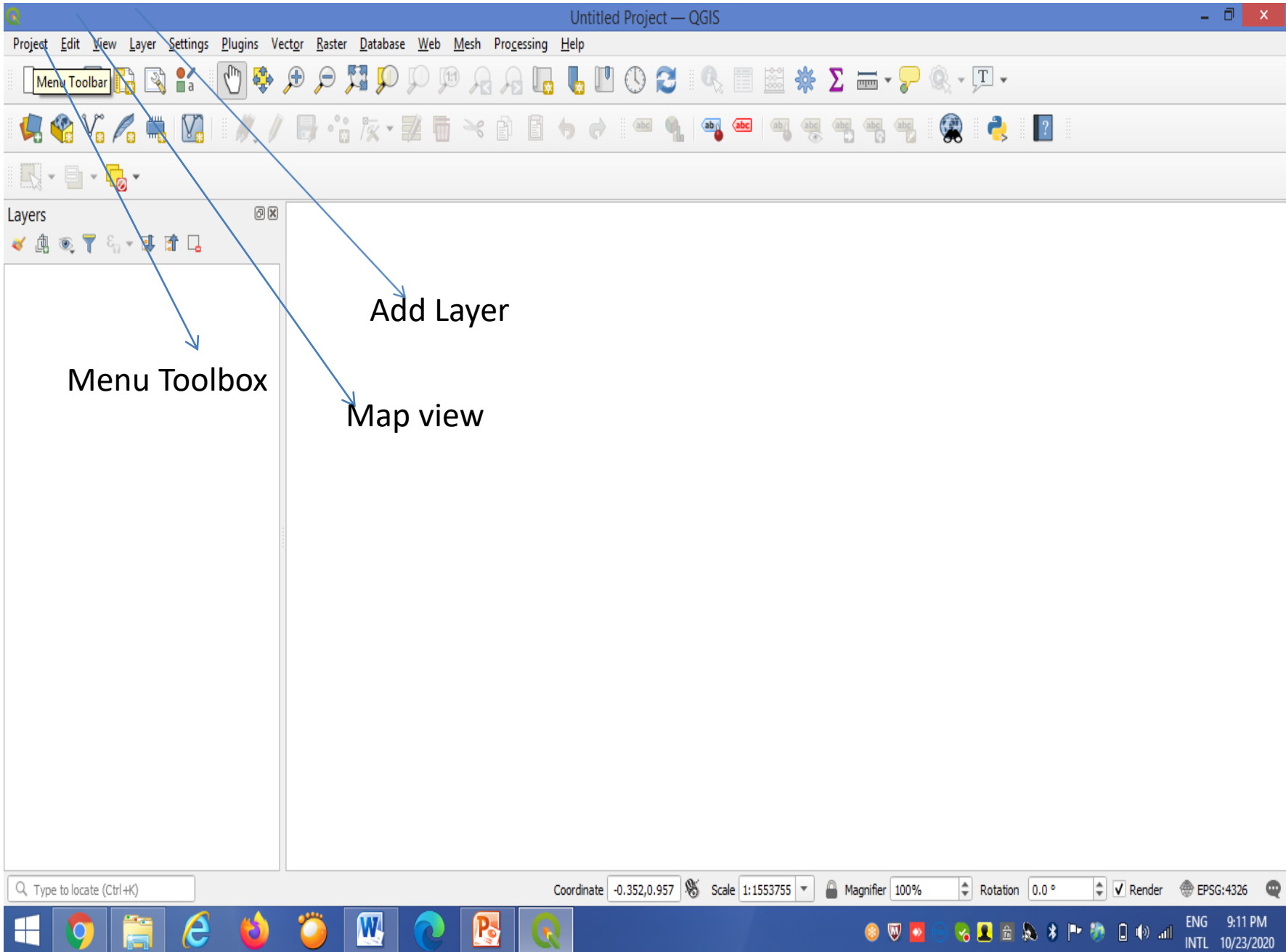


What is QGIS?

- QGIS is an open source geographic information system, software,
- QGIS runs on Window, Mac OS X, and Linux.
- QGIS is a user-friendly GIS providing common function and features and also free, collaborative cross platform software that is costantly developing by QGIS community.

The QGIS Graphical User Interface is divided into five areas

- Menu Bar.
- Tool Bar.
- Map Legend.
- Map View.
- Status Bar.



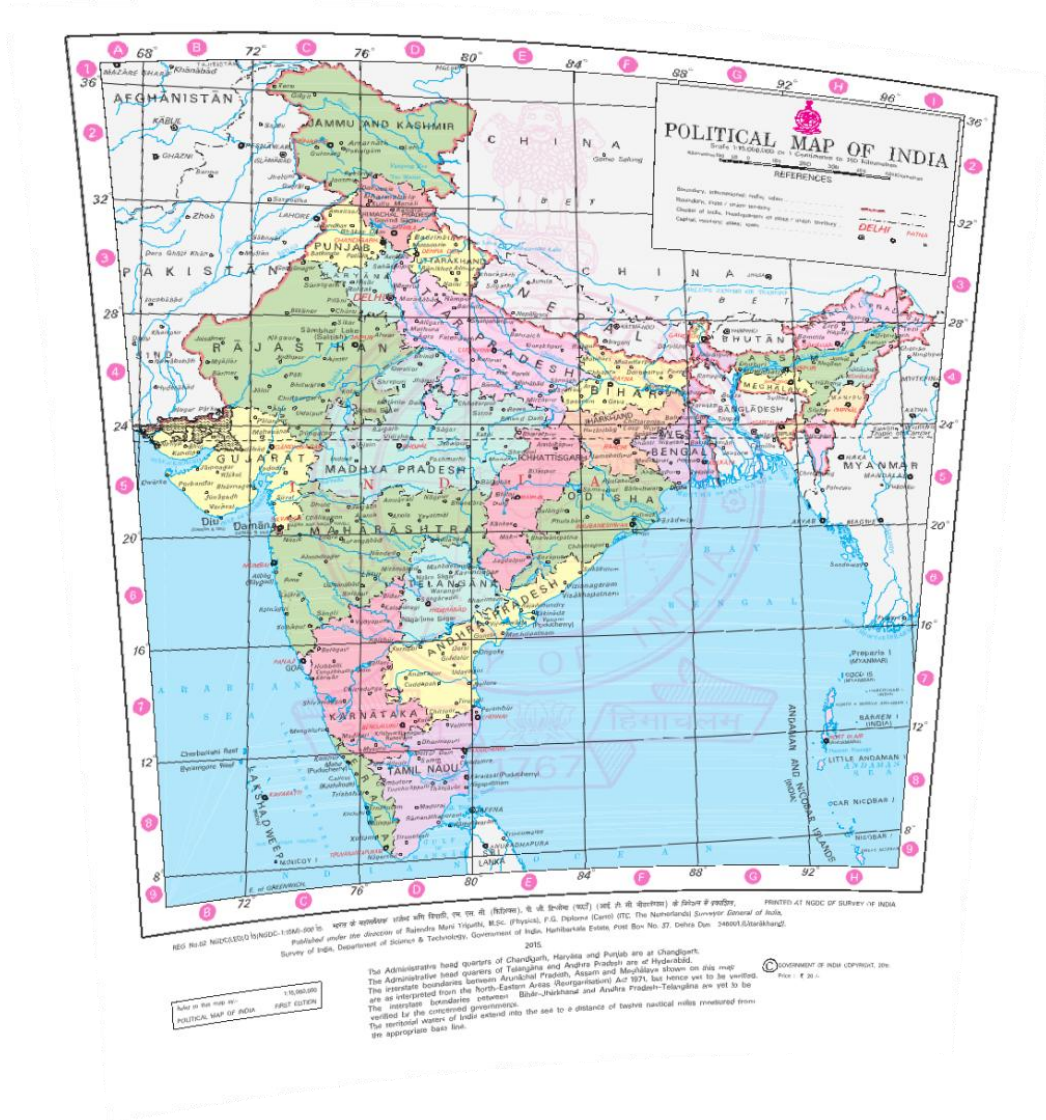
Basic Steps of QGIS

- GEOREFERENCING
- Layer Creation
- Vecterization
- Attribute Data Management
- Thematic Map Generation
- Lay out Cartographic Presentation
- Saving Foil as JPEG OR PDF Foils

GEOREFERENCING

- Open QGIS,
- Select File,
- Raster,
- Georefencer,
- Click on add point,
- Inter map coordinates,
- Transformation setting,
- Check the mean error,
- Reduce the main error,
- Save CGPS points
- Click CRS and EPSG, and
- Click OK.

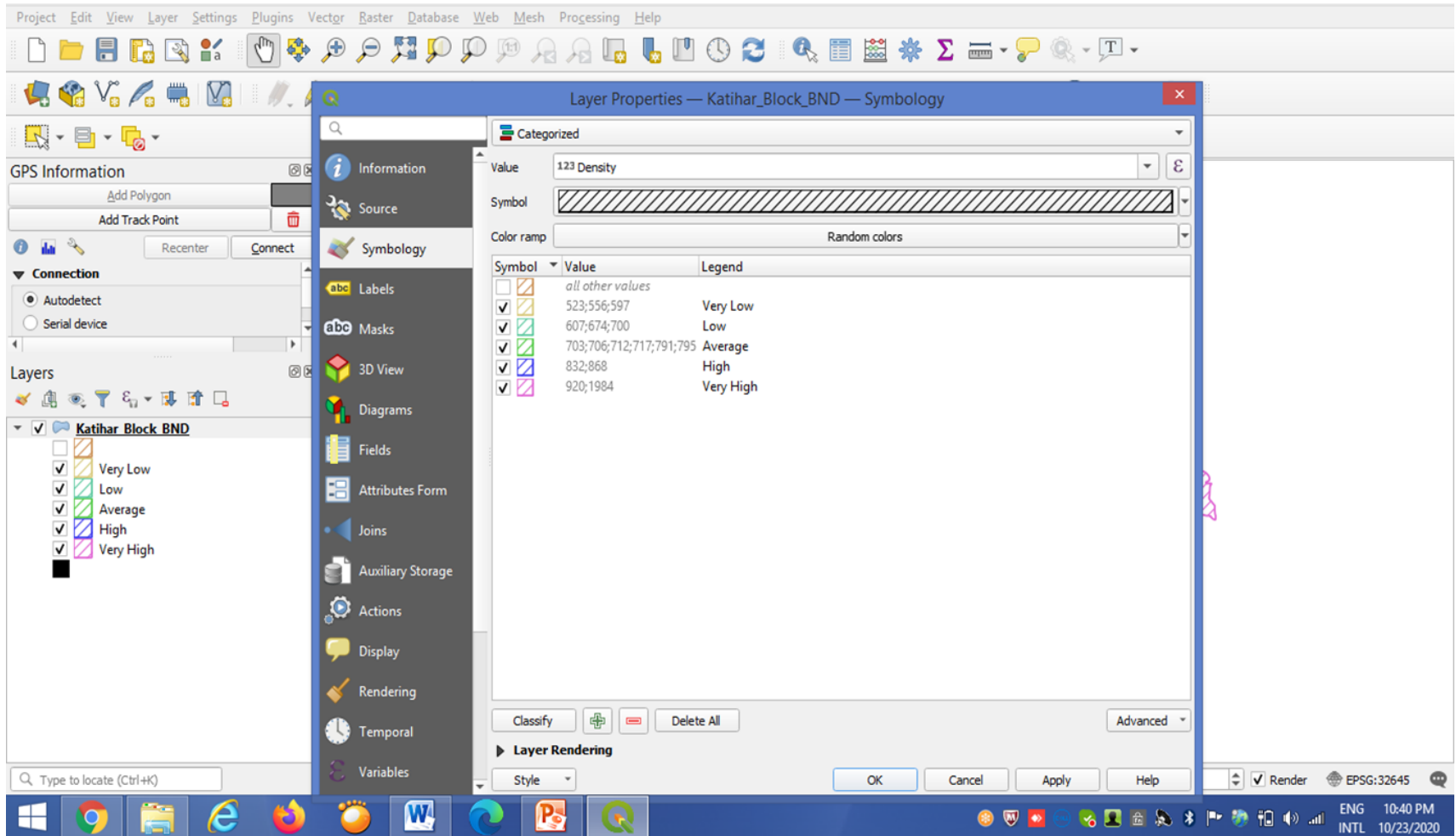
INFORMATION MAP OF INDIA



Block extract from Districts Map

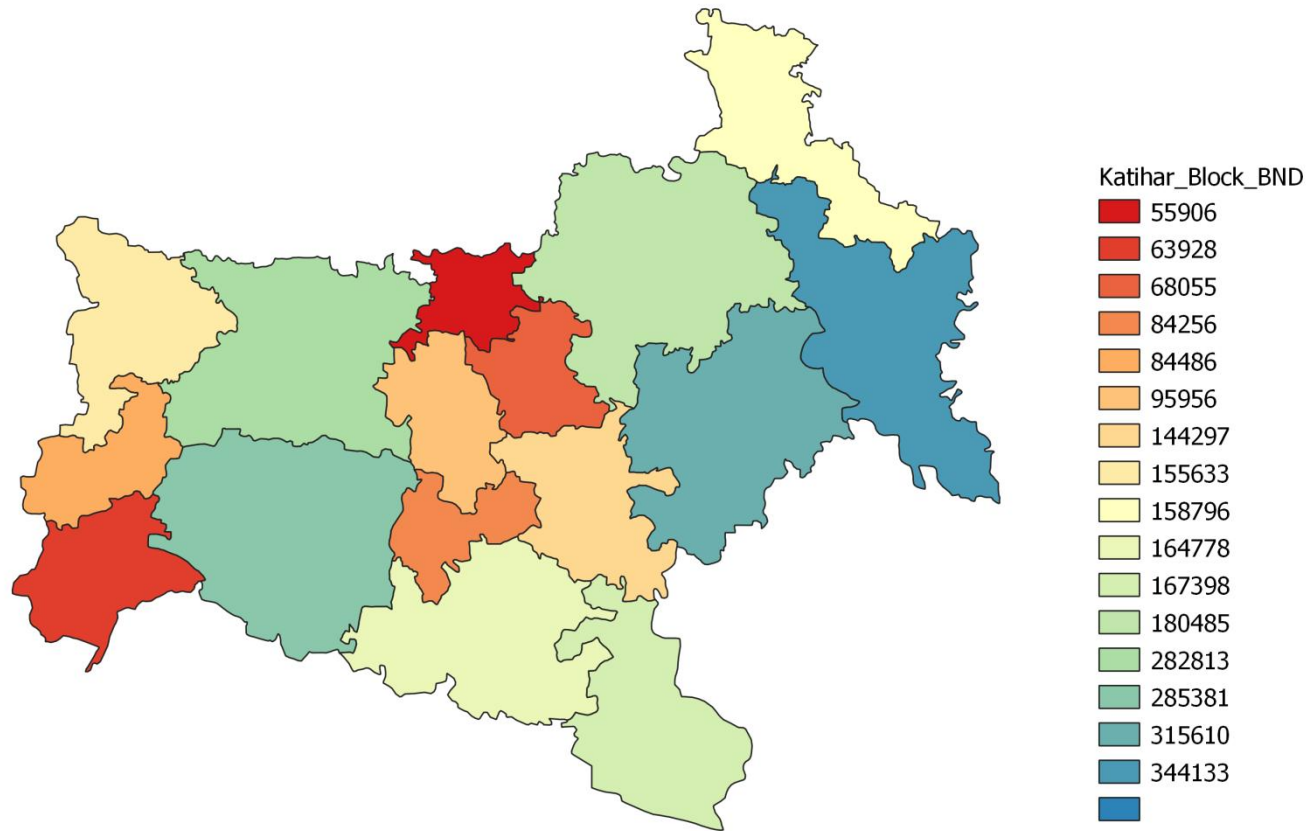


With the help of attributes and spatial data, certain maps are prepared, such as population, density and other thematic maps.



Thematic Map

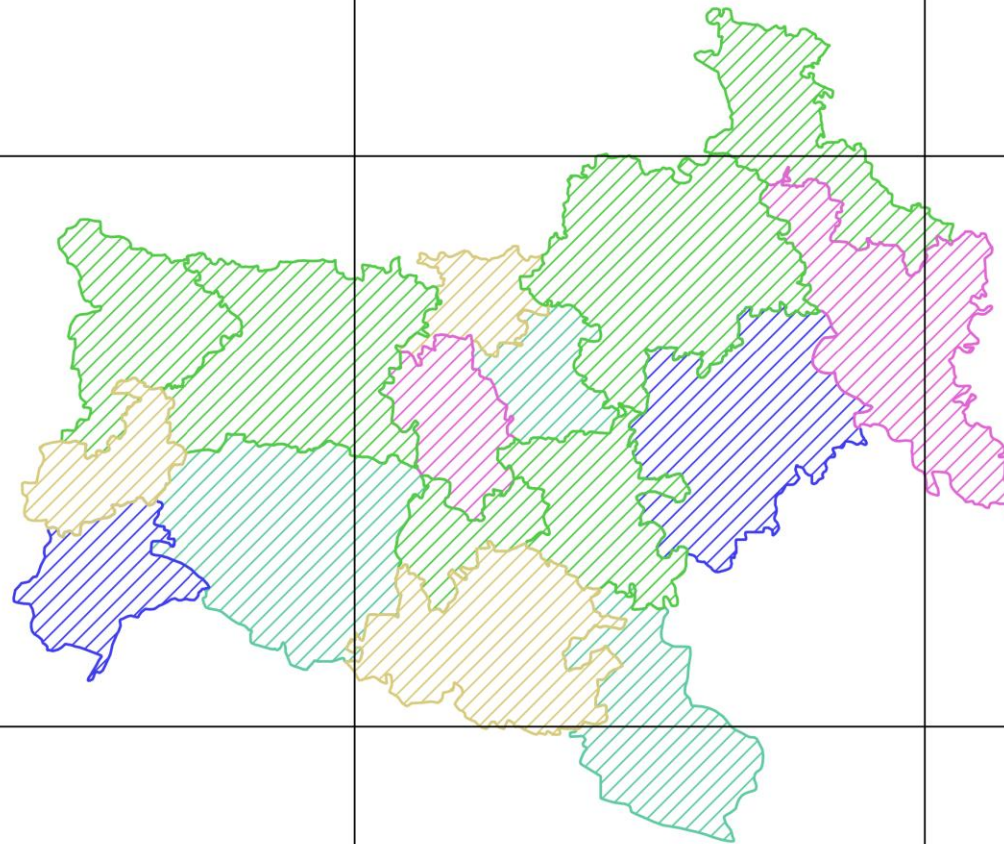
BLOCK WISE POPULATION, KATI HAR , BIHAR, 2011



0 10 20 km

Density Map

BLOCK WISE POPULATION, KATIHAR , BIHAR,2011



Katihar_Block_BND

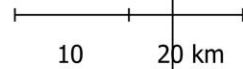
Very Low

Low

Average

High

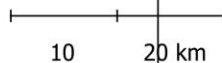
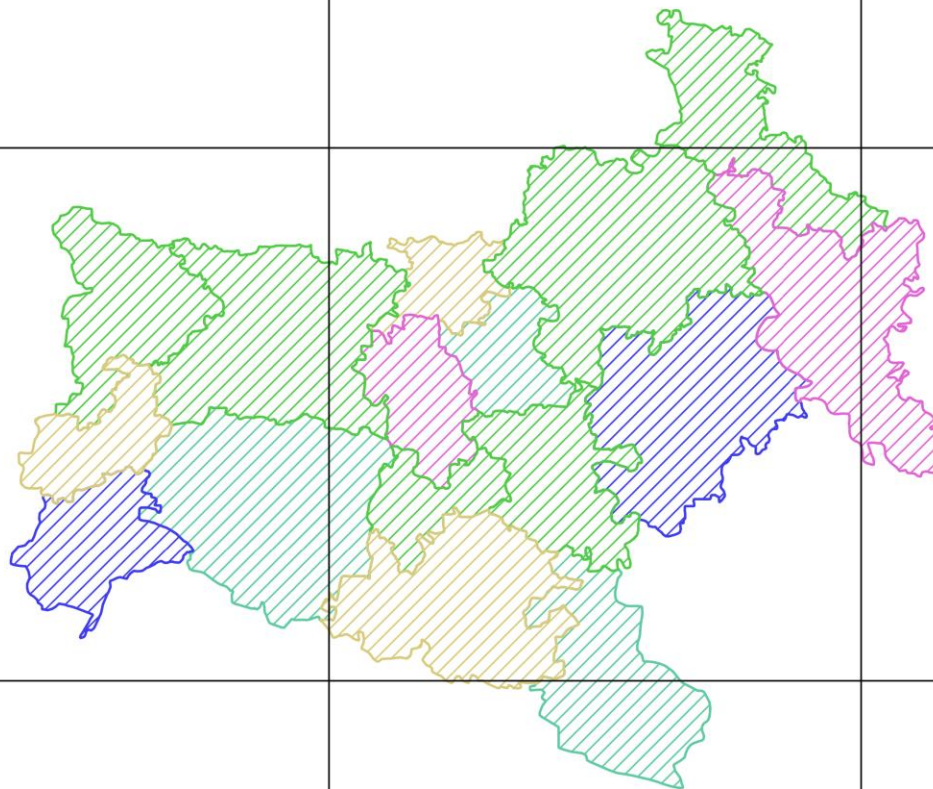
Very High



10

20 km

BLOCK WISE POPULATION DENSITY, KATIHAR , BIHAR, 2011



- Katihar_Block_BND
- Very Low
 - Low
 - Average
 - High
 - Very High

500001.000

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Thank you