1. **Get Census Data** --><https://censusindia.gov.in/2011census/dchb/DCHB.html>

This data consists of a lot of information but we used only 17 parameters.

1. Developed an api to get the important data from the database.

* **Query parameters**: State, District, Sub-district, Village, Block, Panchayat,
* **Required Information:** Total population, Male/Female population, Total households, Total Geographical area(km^2)

1. Start work with an **Analytics Tool**.

Add A map to the application which provides population information state wise, city wise

In color gradient.

1. Added a map with color gradient for state wise population using jvector map.

* <https://jvectormap.com/>

1. Explored a lot of resources for adding city populations with color gradients on the map.

* <https://youtu.be/OunoJaa-dnU>
* <https://www.geoconcept.in/census-area-maps>
* <https://www.covid19india.org/state/MH>
* <https://youtu.be/nVFOFT20K-c>
* <https://www.mapmyindia.com/api/advanced-maps/geoanalytics-web-js/geoAnalytics>
* <https://www.mapmyindia.com/api/advanced-maps/doc/sample/mapmyindia-maps-geoanalytics-apis>
* <https://jvectormap.com/examples/drill-down/>
* <https://geojson.io/#map=5/21.861/82.793>
* <https://leafletjs.com/examples.html>