**Phonepepulse\_visualization**

I have created the dashboard for phonepe pulse data.

It consists of 4 parts

* Geo visualizations
* Transaction analysis
* User analysis
* Top 10 Data

**Geo Visualization**

It consists of year and Quarter wise transaction data in the India map based on

states and districts.

**Transaction analysis**

It has 3 Tabs,

* Overall
* State
* District

Each tab will give you insights about the transaction data in the particular Transaction mode.

**User Analysis**

It has 3 Tabs,

* Overall
* State
* District

Each tab will give you insights about the user data.

**Top 10 Data**

It has 2 Tabs,

* Overall
* State

Each tab will give you insights about Top 10 data on transaction and user base

**Approach**

* Clone the data from the phonepse\_pulse Github repository to the local device.
* Converted the unstructured data to a structured pandas data frame through python programming.
* Uploaded the data frames to the mysql server with the help of pymysql.
* Creating an app with the help of streamlit.
* Use plotly for the charts and maps.
* For each data I have crated a query to get data from database.
* Took latitude and longitude data from the web and done basic data formatting and cleaning.
* Then plot the geospatial data with the help of plotly.