GDP Analysis

Objective

Analysis of GDP, Per capita for States by sector and sub-sector

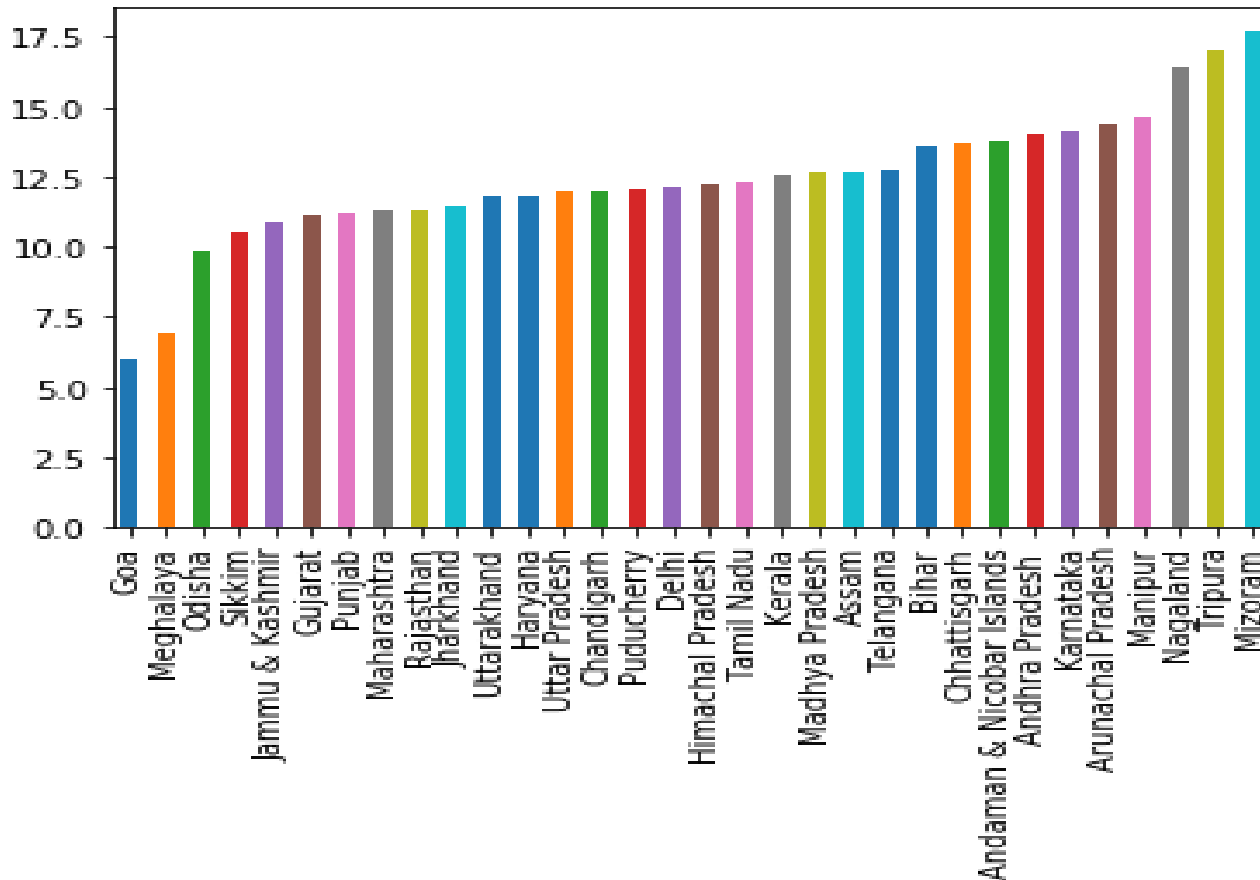Categorizing states into groups based on GDP per capita

Date Cleaning

- Remove rows/column with all NA

- Removing the unwanted columns

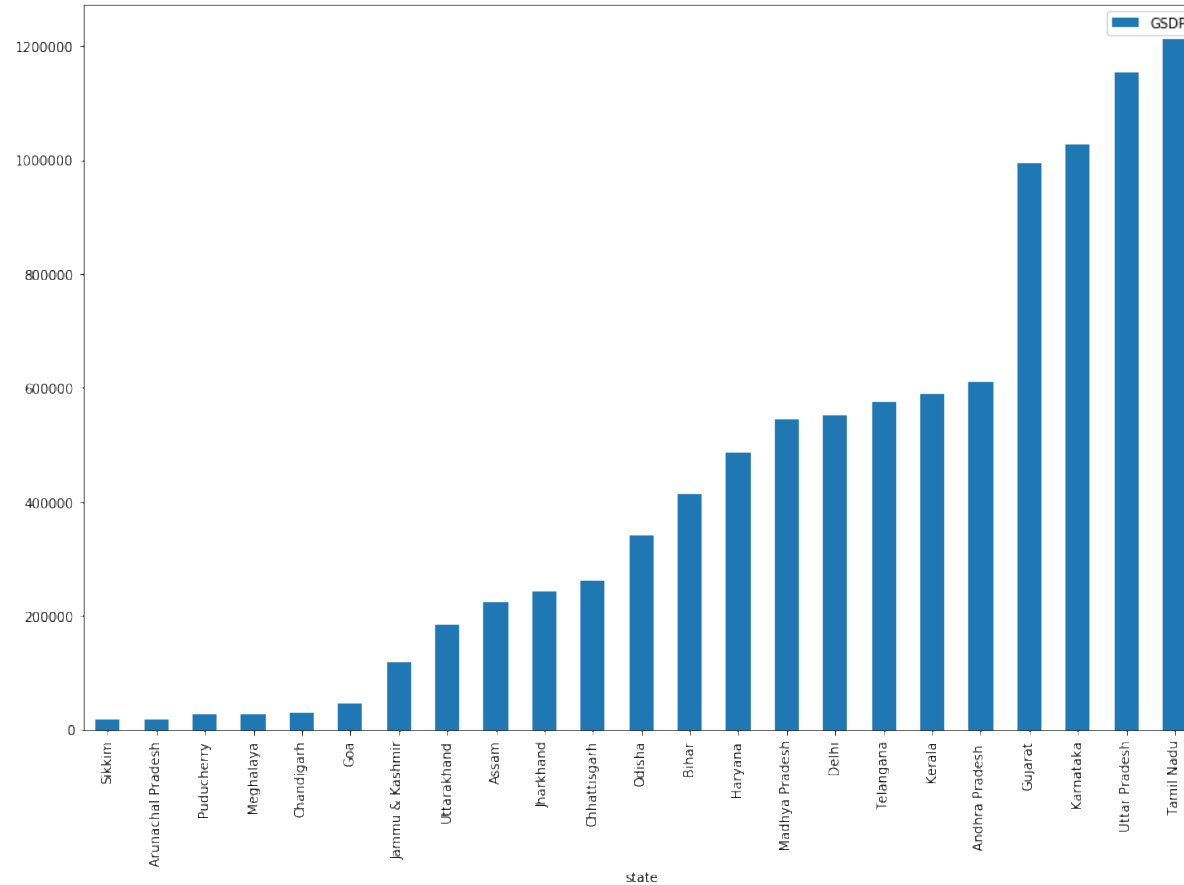- Selecting the data for specific duration

Part 1-A

- Finding the average GDP growth

Average growth state wise

- Consistently fast - Mizoram, Tripura, Nagaland, Manipur, Arunachal Pradesh

- Struggling - Goa, Meghalaya, Odisha, Sikkim, Jammu & Kashmir

- Fastest 3 is growing above 15%.Slowest 2 is growing at below 7.5 ,nearly half of fastest

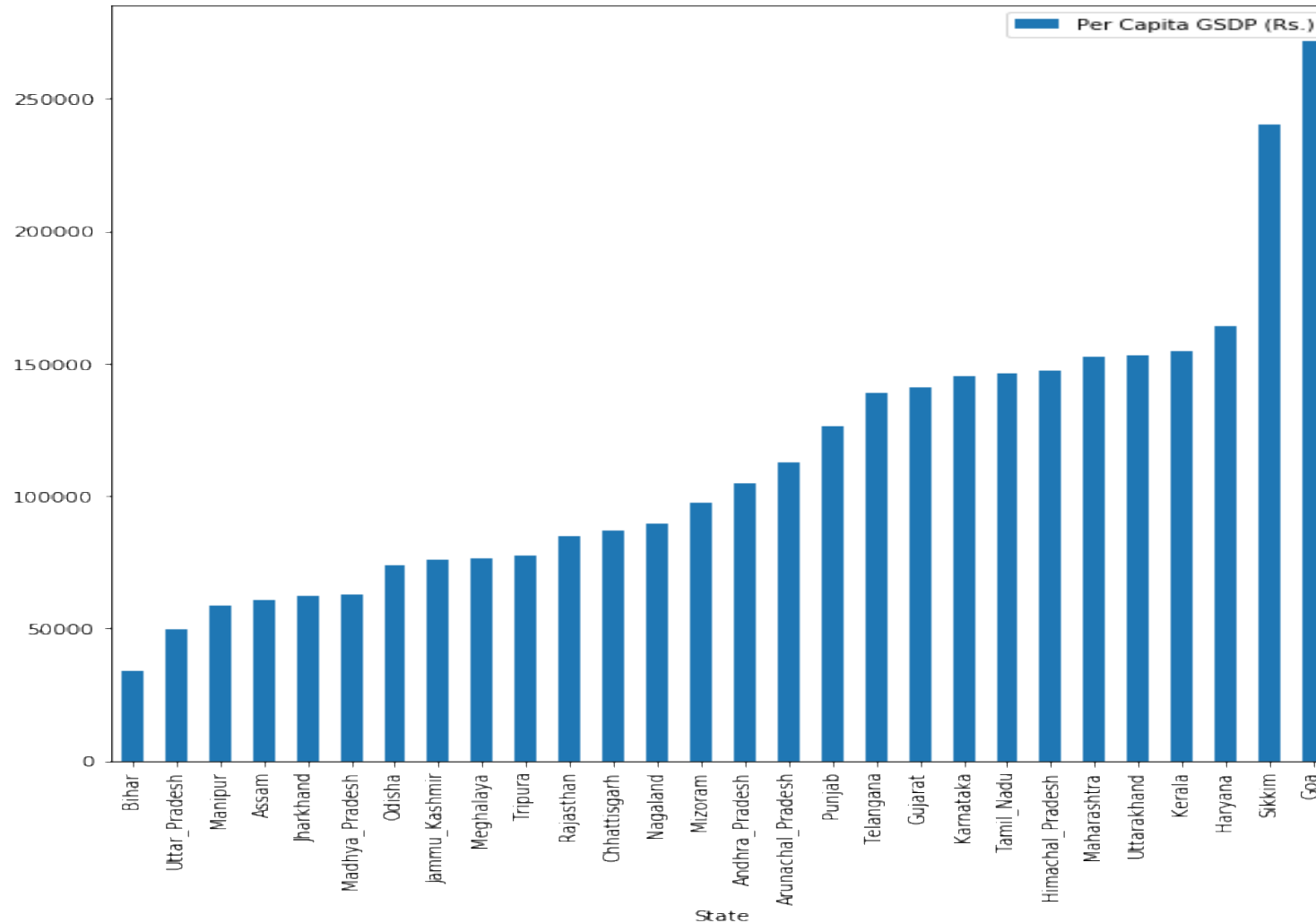- Most of the states growth are in the range of 10 -13

GSDP

- Top 5 – Tamilnadu , Uttar Pradesh , Karnataka, Gujarat, Andhra Pradesh

- Bottom 5 – Sikkim, Arunachal, Meghalaya, Pondicherry, Chandigarh

- Top5 states are larger states , Bottom 5 states are smaller states.
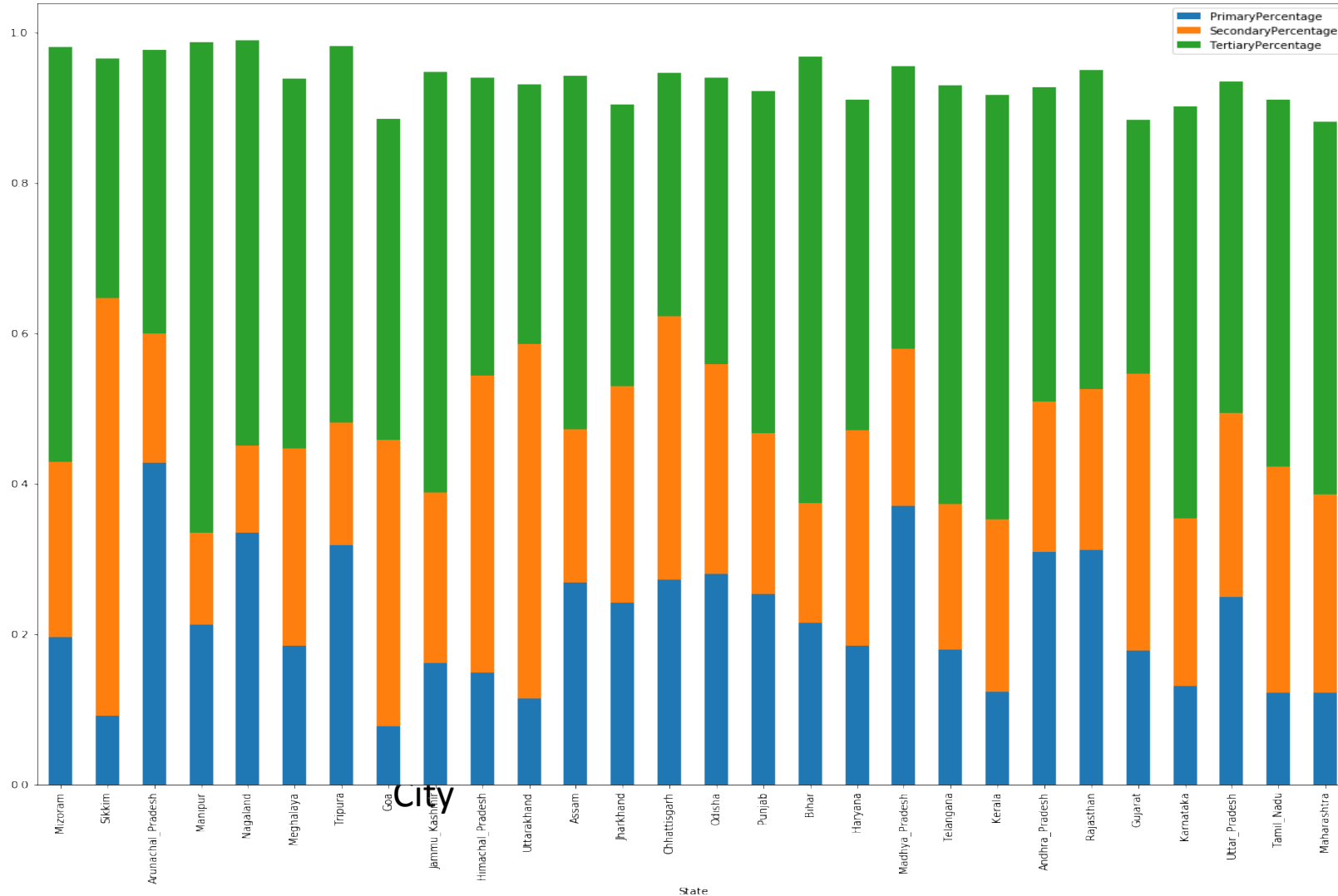
Part 1-B

- Per capita GDP analysis of state (2014-2015)
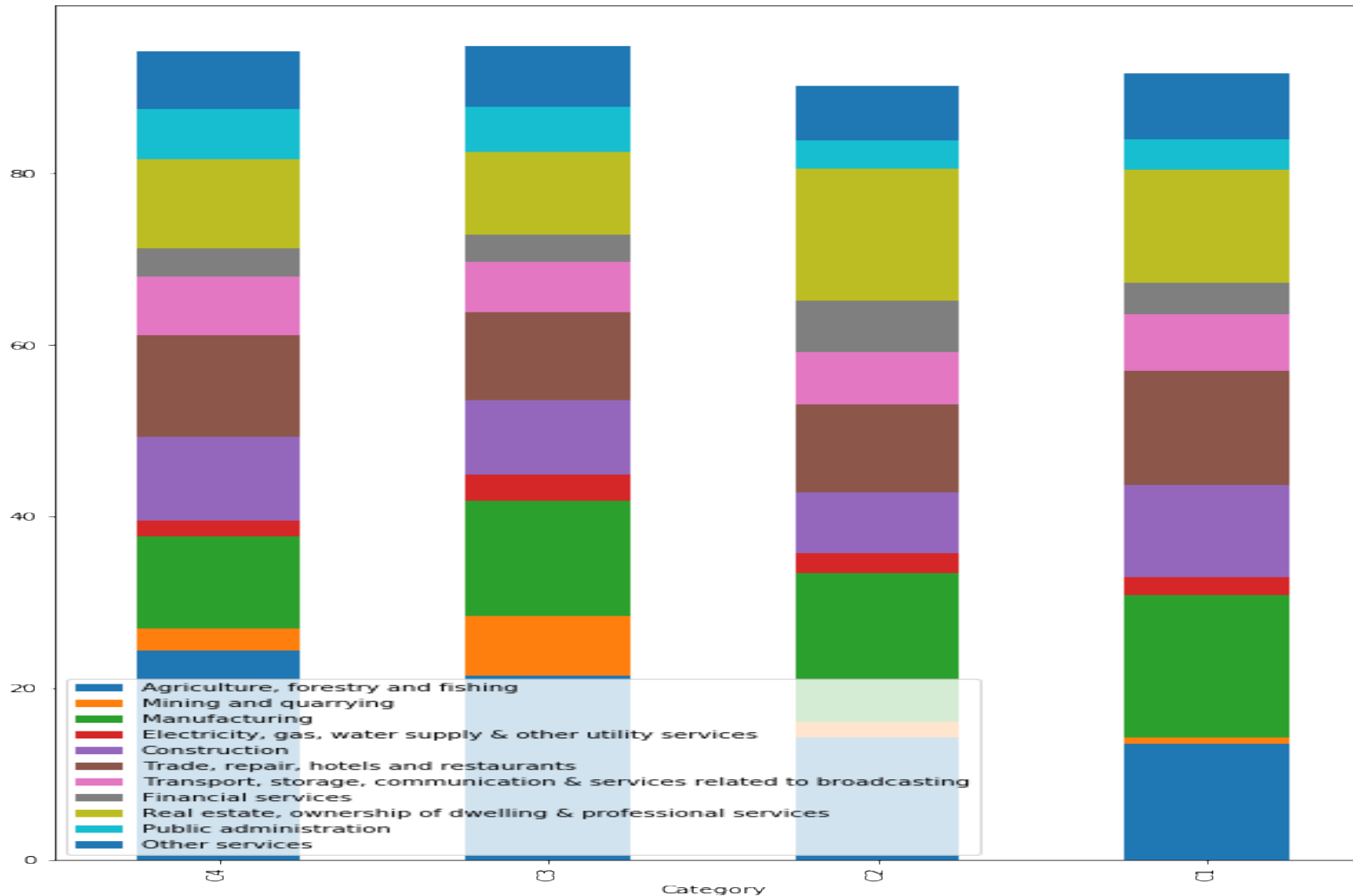- Categorize based on per capita

Percapita GSDP By State

- Top 5 - Goa, Sikkim, Haryana, Kerala, Uttarakhand

- Bottom 5 - Bihar, Uttar Pradesh ,Manipur, Assam, Jharkhand

- Ratio of Highest to Lowest Percapita GSDP – 8

- Goa and Sikkim is far ahead of the rest of the states

- Bihar compared to second last state, also lot to improve

- North and North east states have to improve

State Sector Percentage wise

Top 5 – Primary Sector contributes significant part of the GSDP

Subsector wise - State

- Manufacturing , Agriculture contribute most for every category
- Electricity & Utilities contribution is least across the category

Top Sub-sector per Category

- C1 –Manufacturing, Agriculture, forestry and fishing , Trade, repair, hotels and restaurants, Real estate, ownership of dwelling & professional services , Construction , Other services , Transport, storage, communication & services related to broadcasting

- C2- Manufacturing ,Real estate, ownership of dwelling & professional services, Agriculture, forestry and fishing , Trade, repair, hotels and restaurant, Construction, Other services ,Financial services , Transport, storage, communication & services related to broadcasting

- C3- Agriculture, forestry and fishing ,Manufacturing , Trade, repair, hotels and restaurants, Real estate, ownership of dwelling & professional services , Construction , Other services , Mining and quarrying , Transport, storage, communication & services related to broadcasting

- C4- Agriculture, forestry and fishing , Trade, repair, hotels and restaurants , Manufacturing , Real estate, ownership of dwelling & professional services , Construction ,Transport , storage, communication & services related to broadcasting , Other services
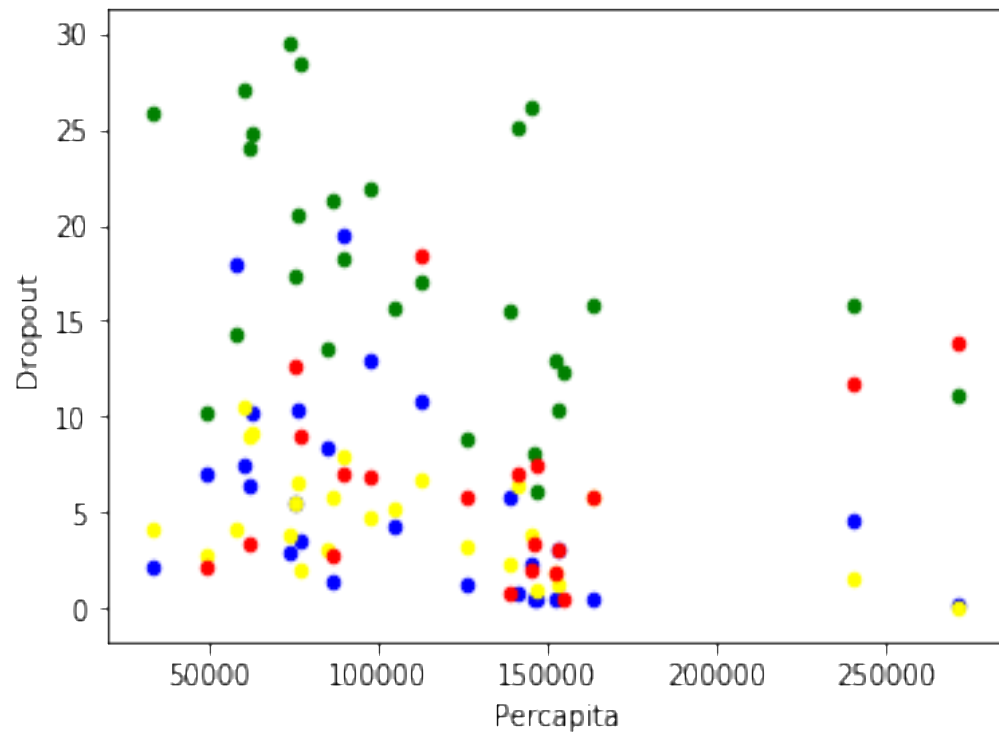
Top Sub-sector per Category

- C1 – Manufacturing ,Agriculture and Trade contribute significantly, should focus on Financial services , Mining and Public Administration

- C2 – Manufacturing ,Real Estate and Agriculture contribute significantly, should to focus on Mining , Public Administration and Electricity.

- C3 – Agriculture ,Manufacturing and Trade contribute significantly, should focus on Electricity and Financial Services.

- C4 – Agriculture ,Trade and Realestate contribute significantly, should focus on Manufacturing,Electricity and Financial Services.
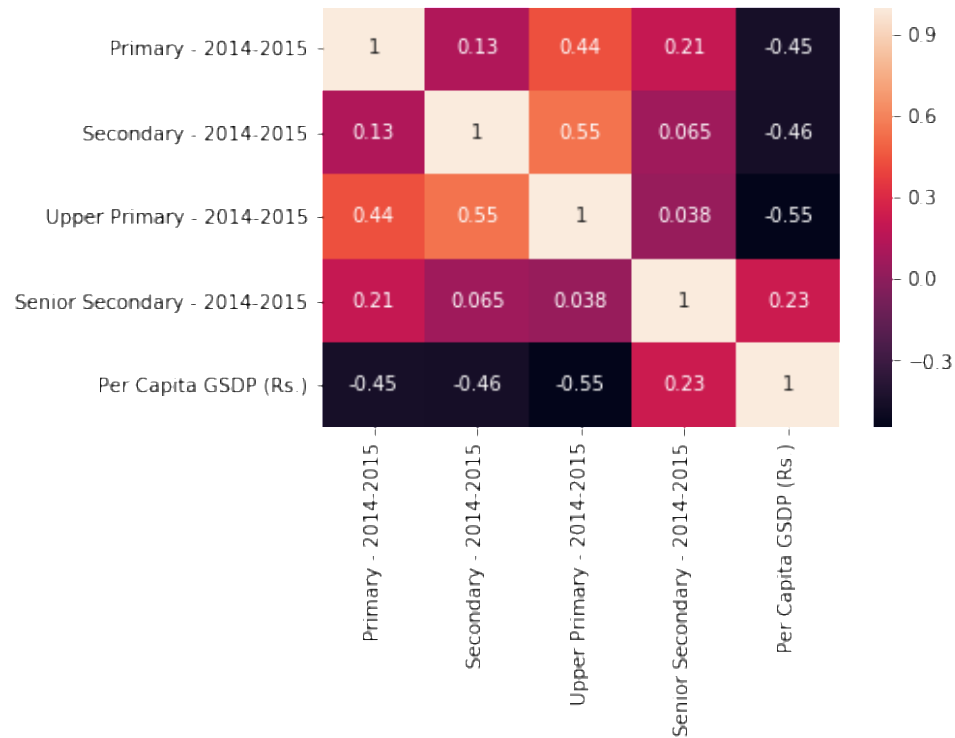
Part 2

- Education dropout correlation with per capita

Education Drop – Percapita wise

- Negative correlation for Primary ,Secondary and Upper Primary
- Light Positive correlation for Senior Secondary

Correlation

- Dropout from Primary, Secondary and Upper Primary has an impact on the percapita

- States should have program to ensure the dropouts are reduced.