

# G.D.P. Analysis

- 1.Study of the State G.D.P.
- 2.Study of the various sectors and subsectors that contributes the most and the least to the GDP

Presented By-

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# Data\_Set

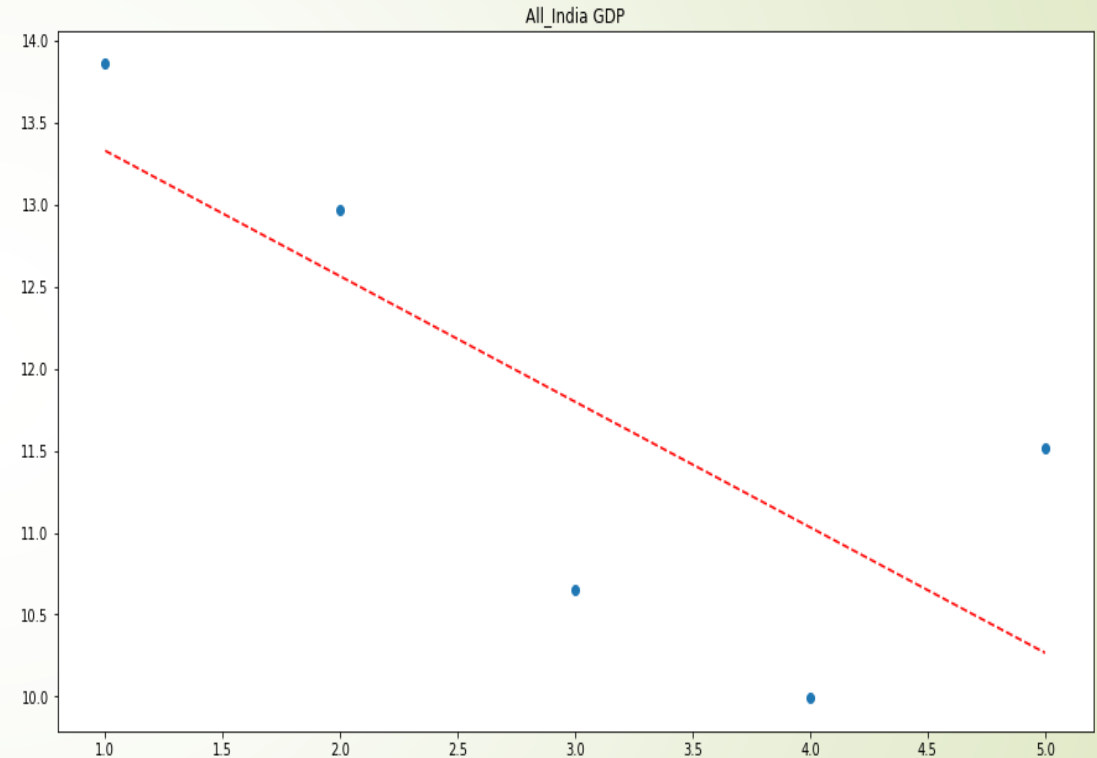
- **1-A:** This dataset consists of the GSDP (Gross State Domestic Product) data for the states and union territories.
- **1-B:** This dataset contains the distribution of GSDP among three sectors: the primary sector (agriculture), the secondary sector (industry) and the tertiary sector (services) along with taxes and subsidies.

# ANALYSIS OF PERCENTAGE GROWTH OVER PREVIOUS YEAR

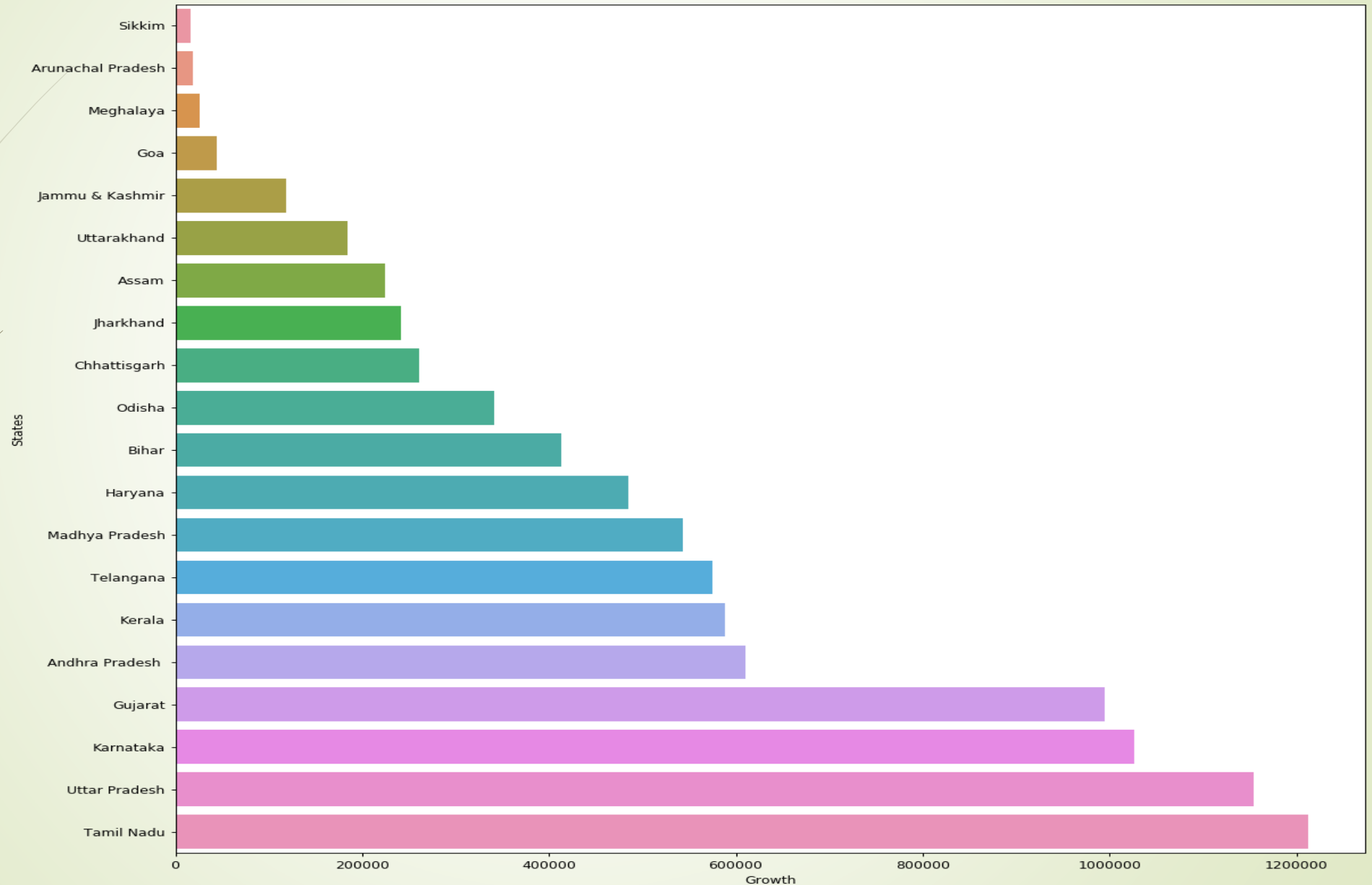
1. From the analysis of **GROWTH OVER PREVIOUS YEAR** of various state we can conclude that there is decrease in Growth rate.

2. On analyzing the **GROWTH OVER PREVIOUS YEAR** we conclude that ['Goa' , 'Andhra Pradesh'] are the best contributors to the GDP.

3. While the worst contributors to the **GROWTH OVER PREVIOUS YEAR** are ['Haryana ' , ' Odisha ' ]



# Plot for total GDP for all the states

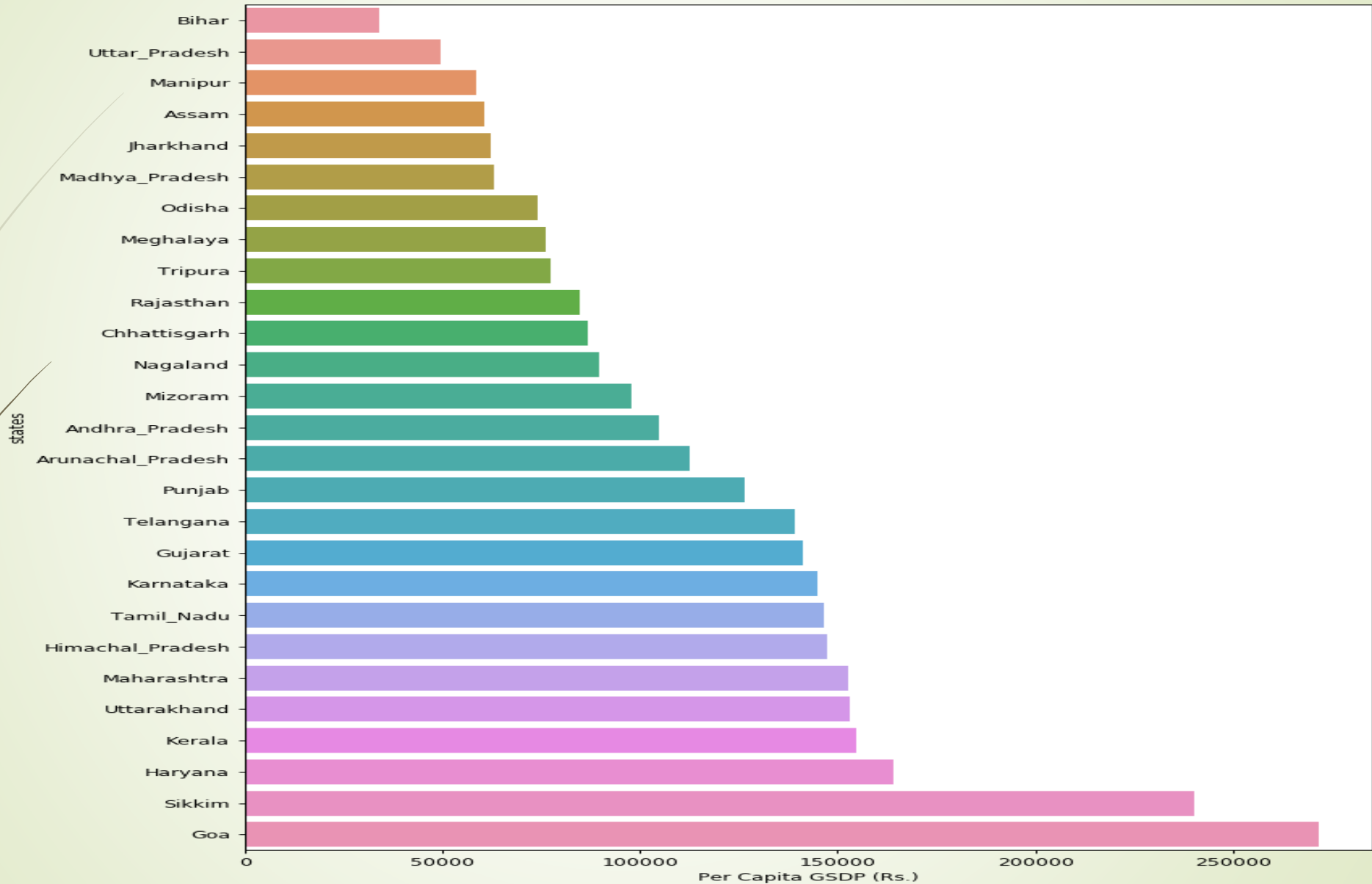




# ANALYSIS OF GDP

- On analyzing the GDP for all the states we can see that ['Sikkim' , 'Arunachal Pradesh' , 'Meghalaya' ] have considerable lower GDP.
- While ['Karnataka' , 'Uttar Pradesh' , 'Tamil Nadu'] have higher GDP
- **Recommendation to increase GDP**
- 1.Development of New Technology
- 2.Improved skills and Qualification
- 3.Public Sector Investment – like improved Infrastructure

# PLOT FOR PER CAPITA GDP FOR ALL STATES



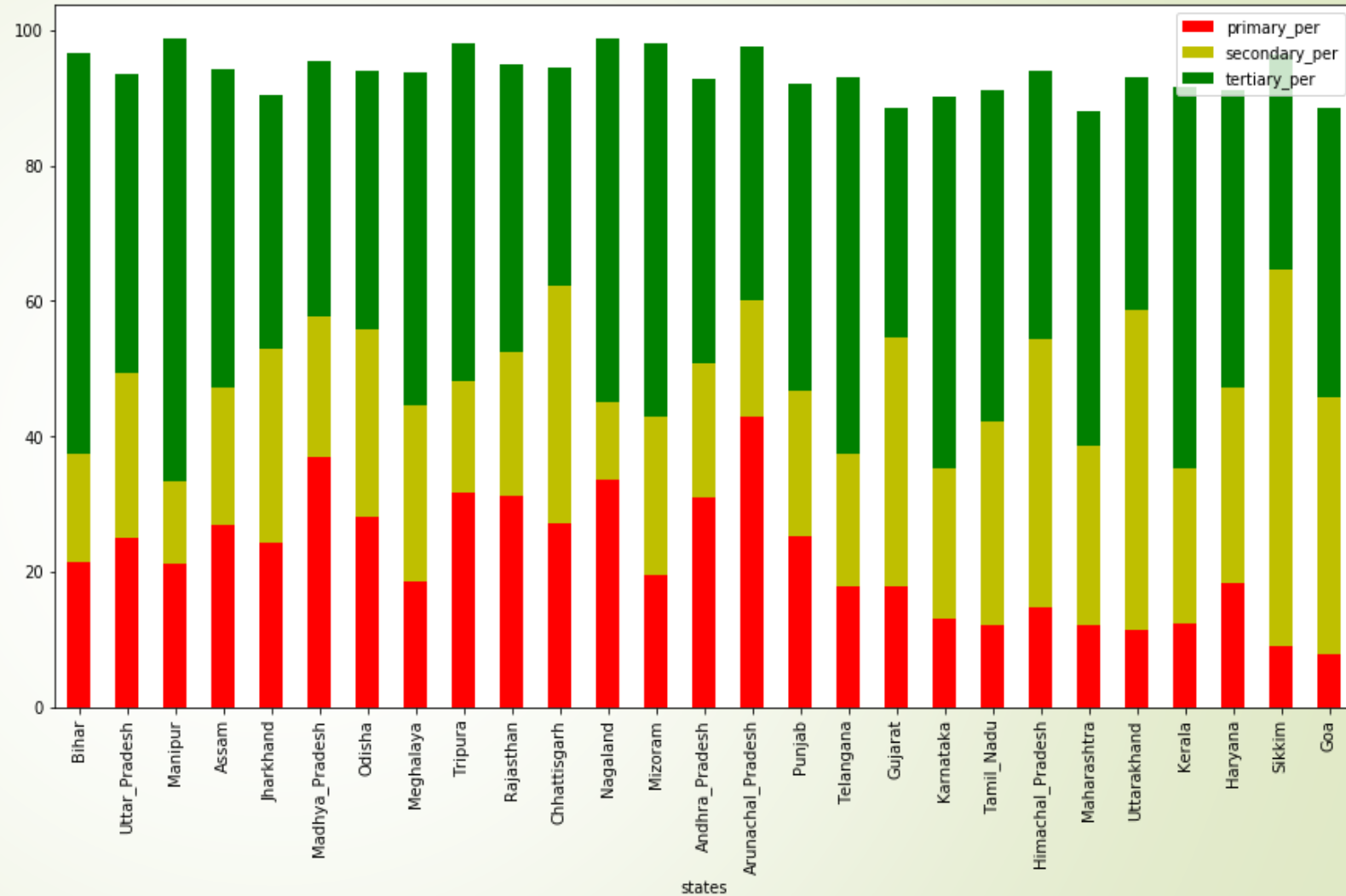


# Analysis of per capita GDP

- ▶ We can see that ['Bihar' , 'Uttar Pradesh] are performing poor when we evaluate the per capita GDP while ['Sikkim ' , 'Goa'] are performing relatively well . And the ratio of lowest to highest is 0.1249
- ▶ **RECOMMENDATION TO IMPROVE THE PER CAPITA GDP**
- ▶ 1.Good Education
- ▶ 2.Better infrastructure
- ▶ 3.Restrict Population

# % Contribution of primary , secondary and tertiary sectors for all states:-

From the graph we can conclude that Tertiary is the most contributing sector in total GDP while primary and secondary contribute comparatively low to the total GDP

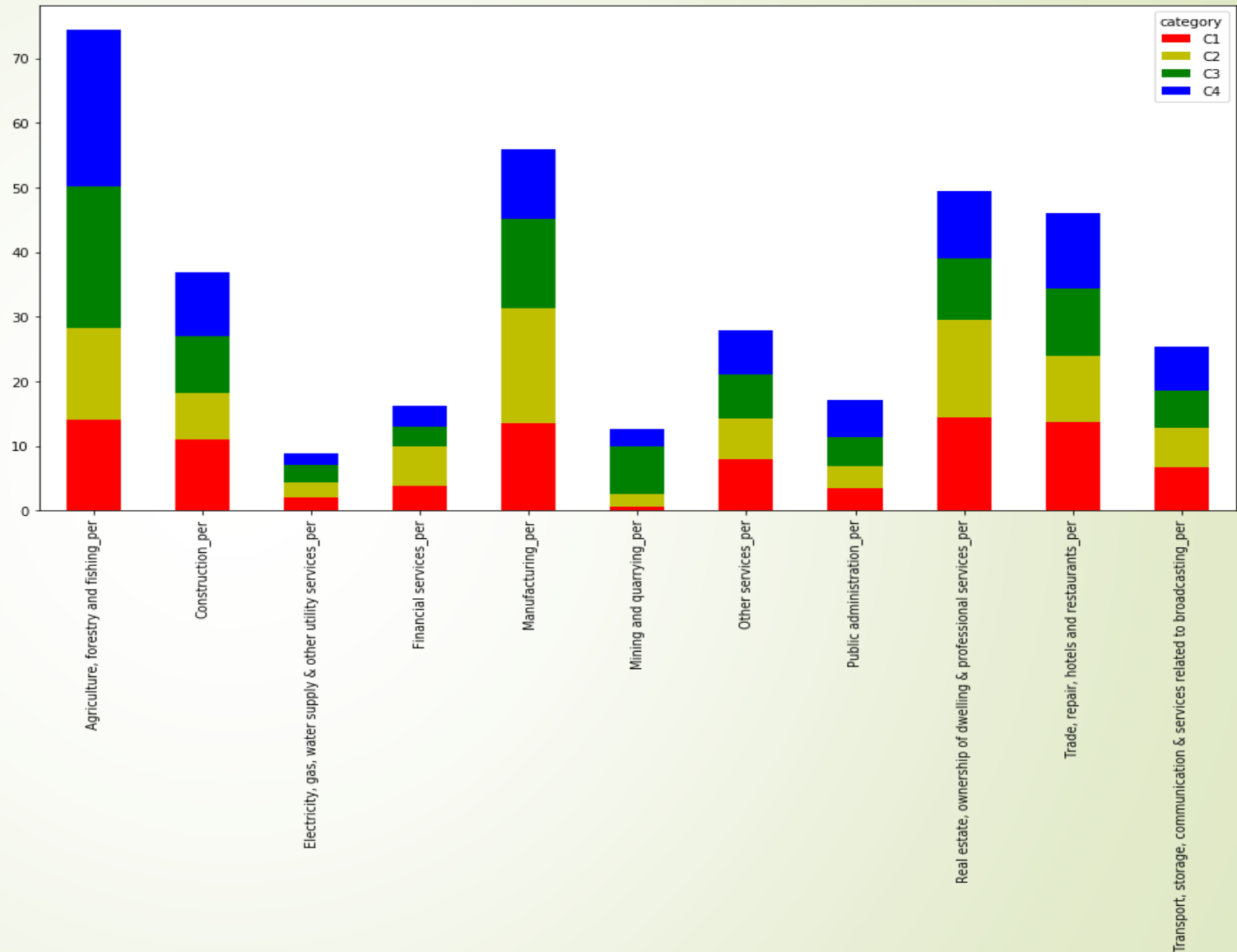




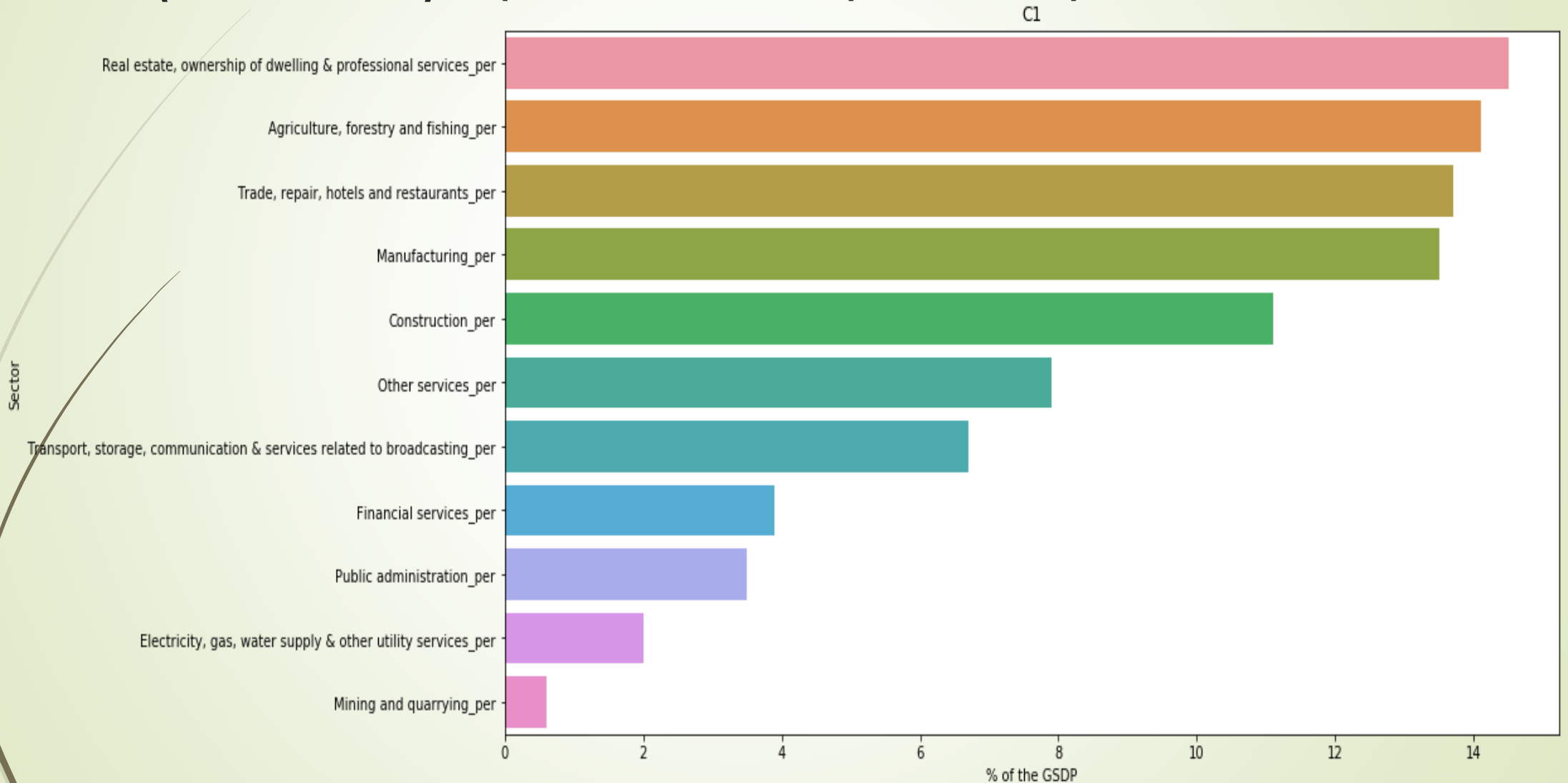
## Plotting subsectors as % of GSDP for each category

On plotting the subsectors for the GDP as a % of each category we can conclude that Electricity , gas , water supply and other utility contribute the least.

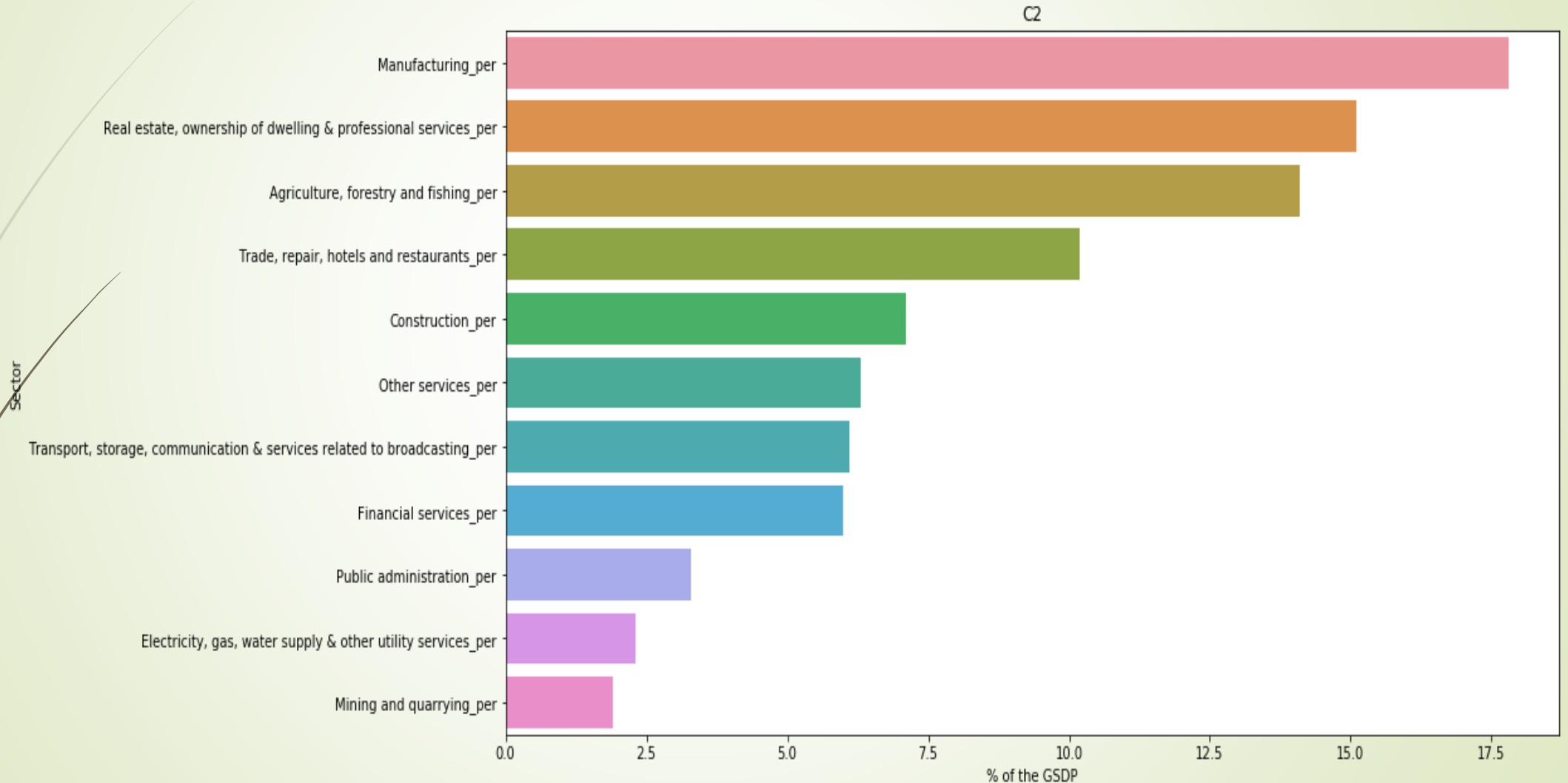
While Agriculture , forestry and fishing contribute the most



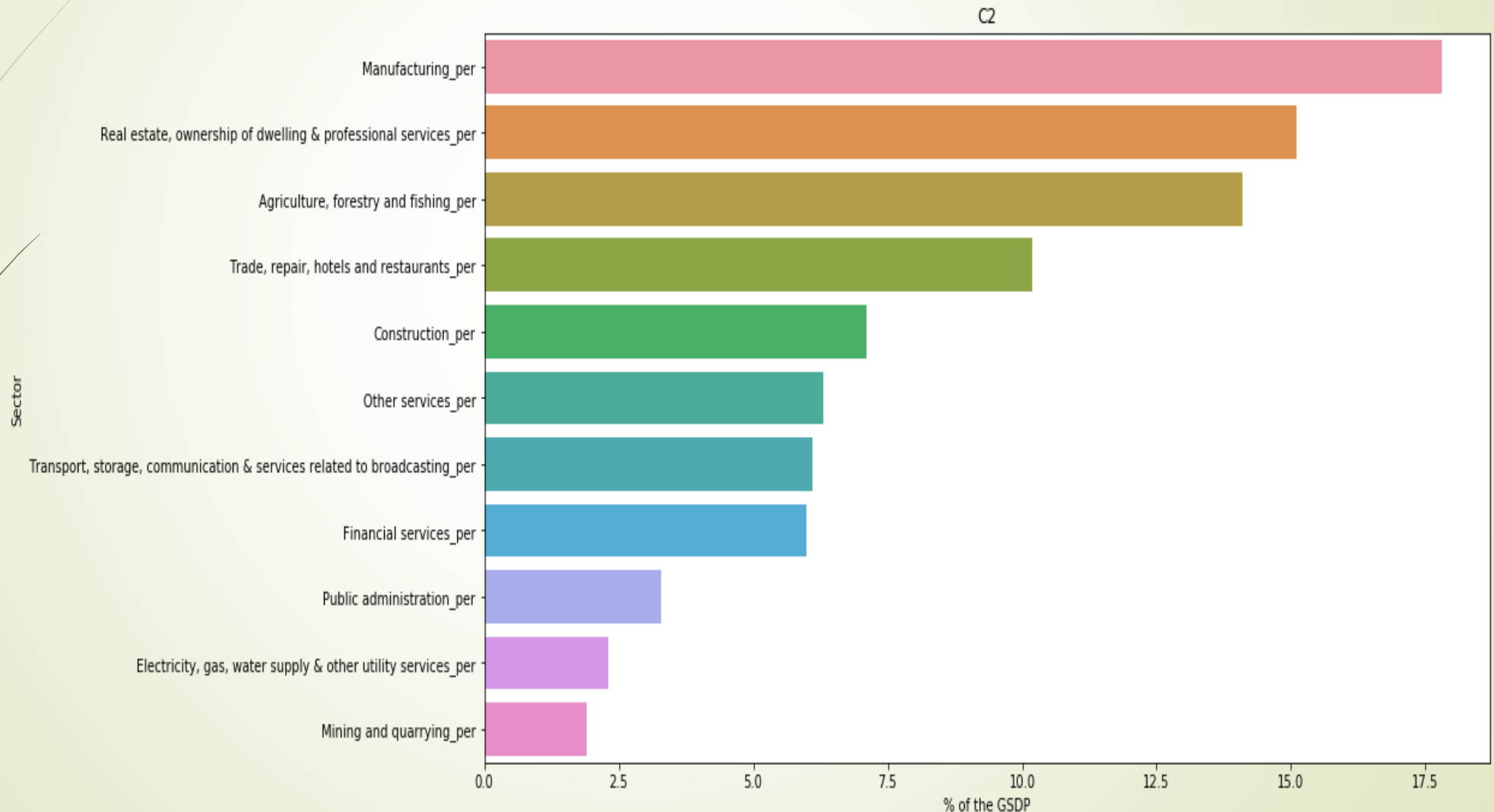
Plot for category C1 where C1 is the (.85,1.00) quantile of per capita GDP:-



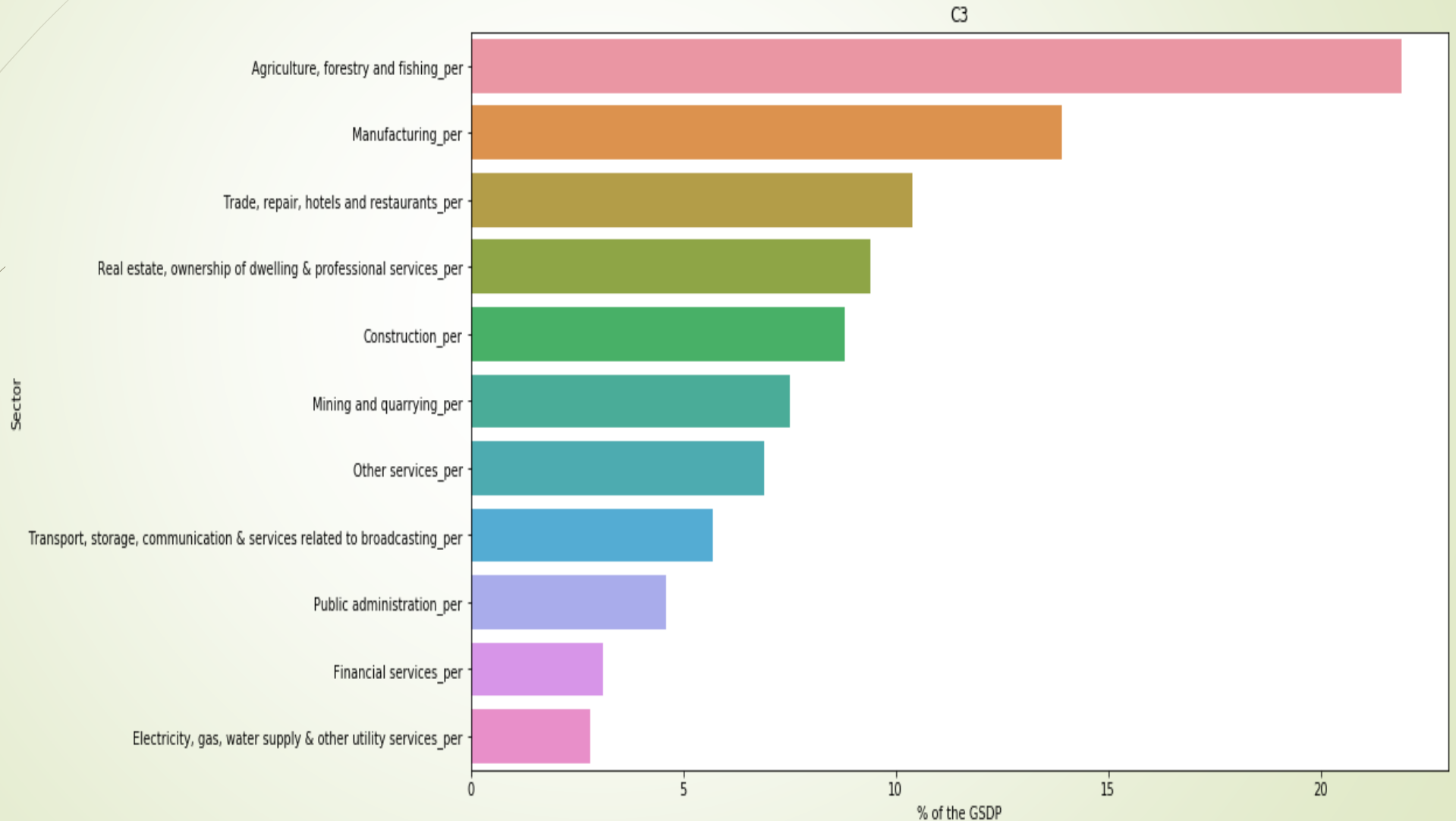
Plot for category C2 where C2 is the (.5,0.85) quantile of per capita GDP:-



Plot for category C3 where C3 is the (.25,.50) quantile of per capita GDP:-



# Plot for category C4 where C4 is the (.00-.25) quantile of per capita GDP:-





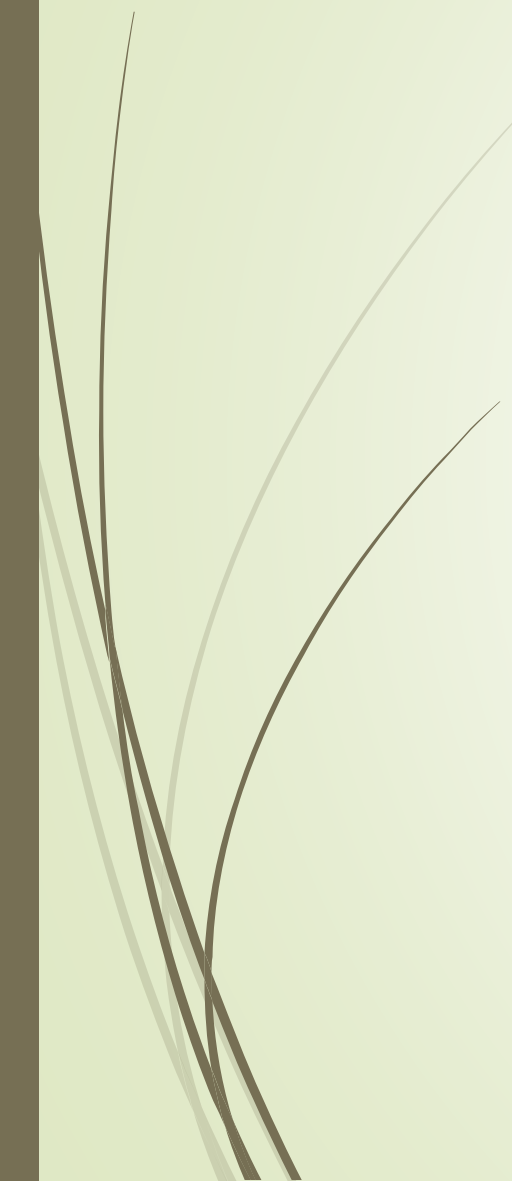
# Analysis



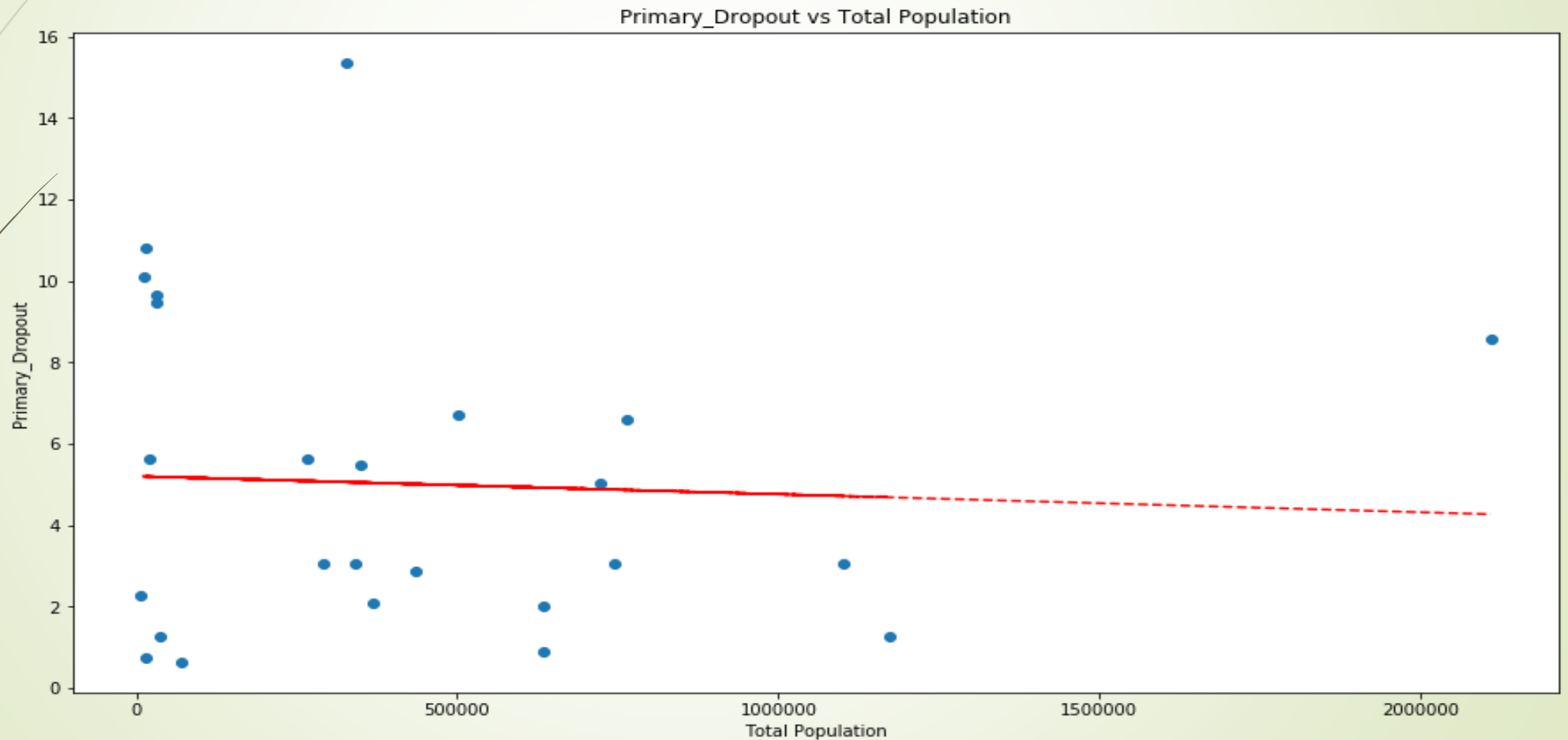
- From above Categorization we can conclude that in C1 Real state is the most contributing sub sector while for c2 and c3 manufacturing sounds to be the most contributing subsector .
- For C4 Agriculture Is the best
- From above analysis we can conclude that we need to improve for the mining and quarrying subsector



# Areas of development

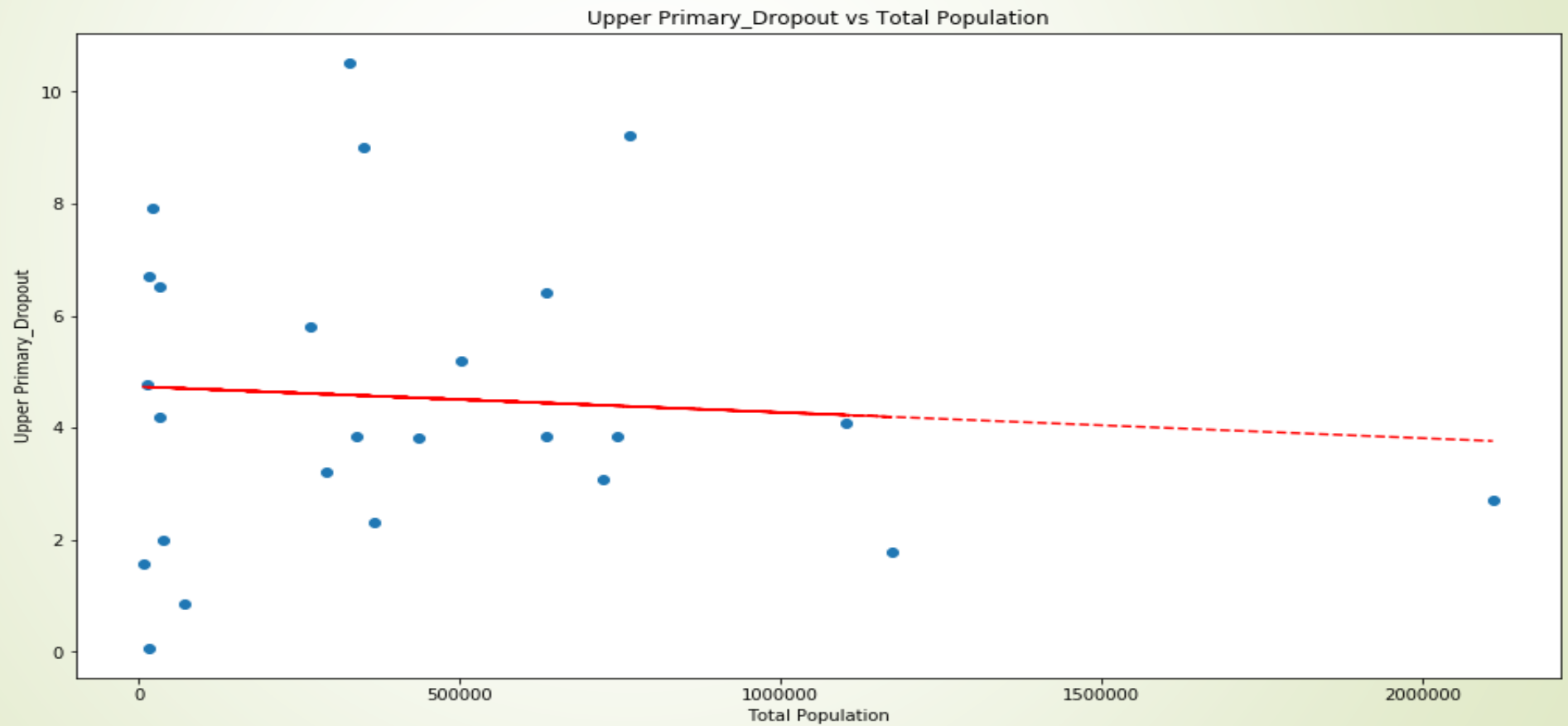
- India needs to develop infrastructure capacity to support the mining sector
  - India must take multiple steps to bridge the impending shortage of human capital in mining
  - Use of local development funds (including District Mineral Fund) for local socio-economic infrastructure creation, management and maintenance.
  - Providing well-defined government support to target focus geographies and support projects.
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# Primary dropout vs total population

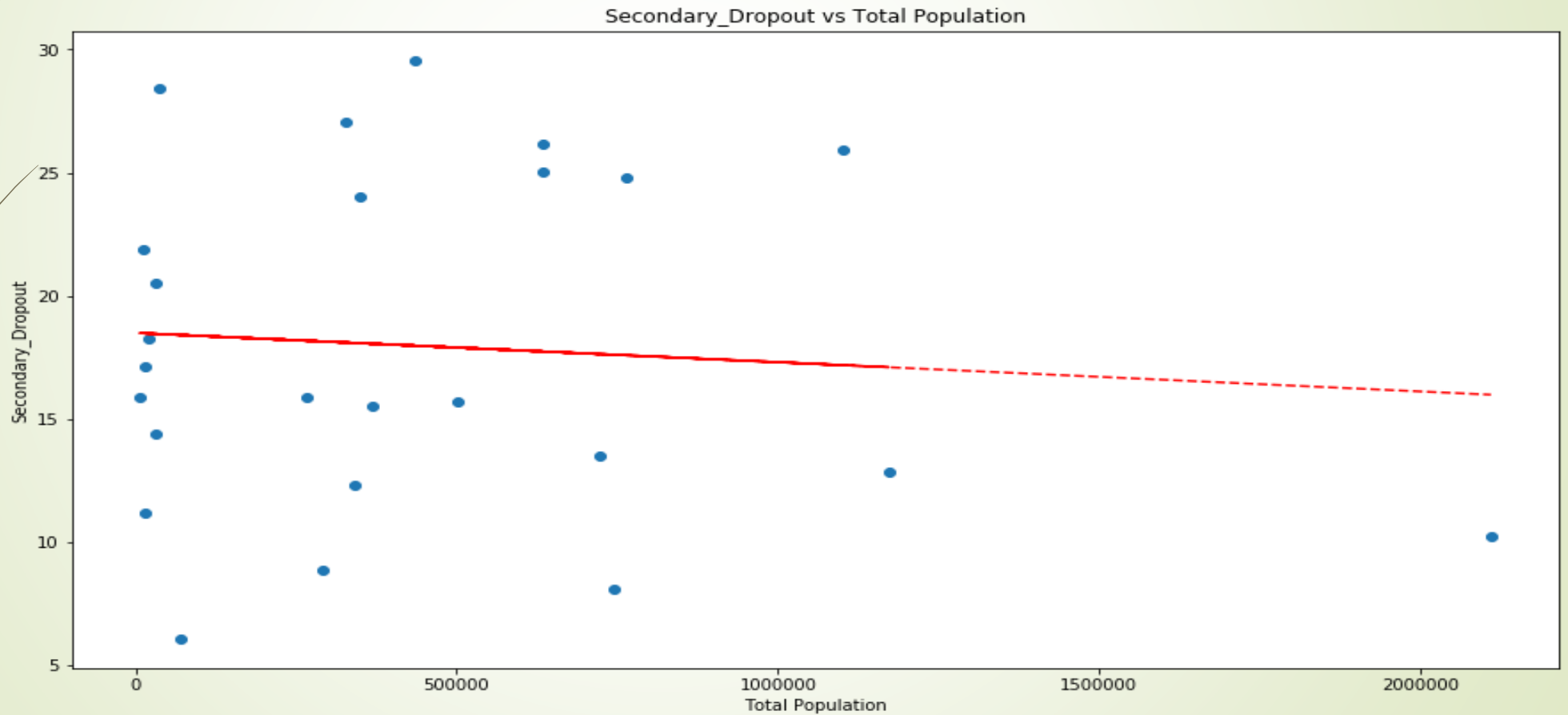




# Upper primary dropout vs total population:-



# Secondary dropout vs total population:-





# Analysis

- From the analysis of above we can see that since there is a negative slope thus with increase in population the dropout rate will decrease between all the sectors
- **Hypothesis:**
- We observe that secondary dropout slope for all the sectors is decreasing showing that with increase in population dropout reduces
- Moreover for primary sector the dropout slope is positive showing if population increase dropout rate increase for all primary , upper primary and secondary



THANKYOU