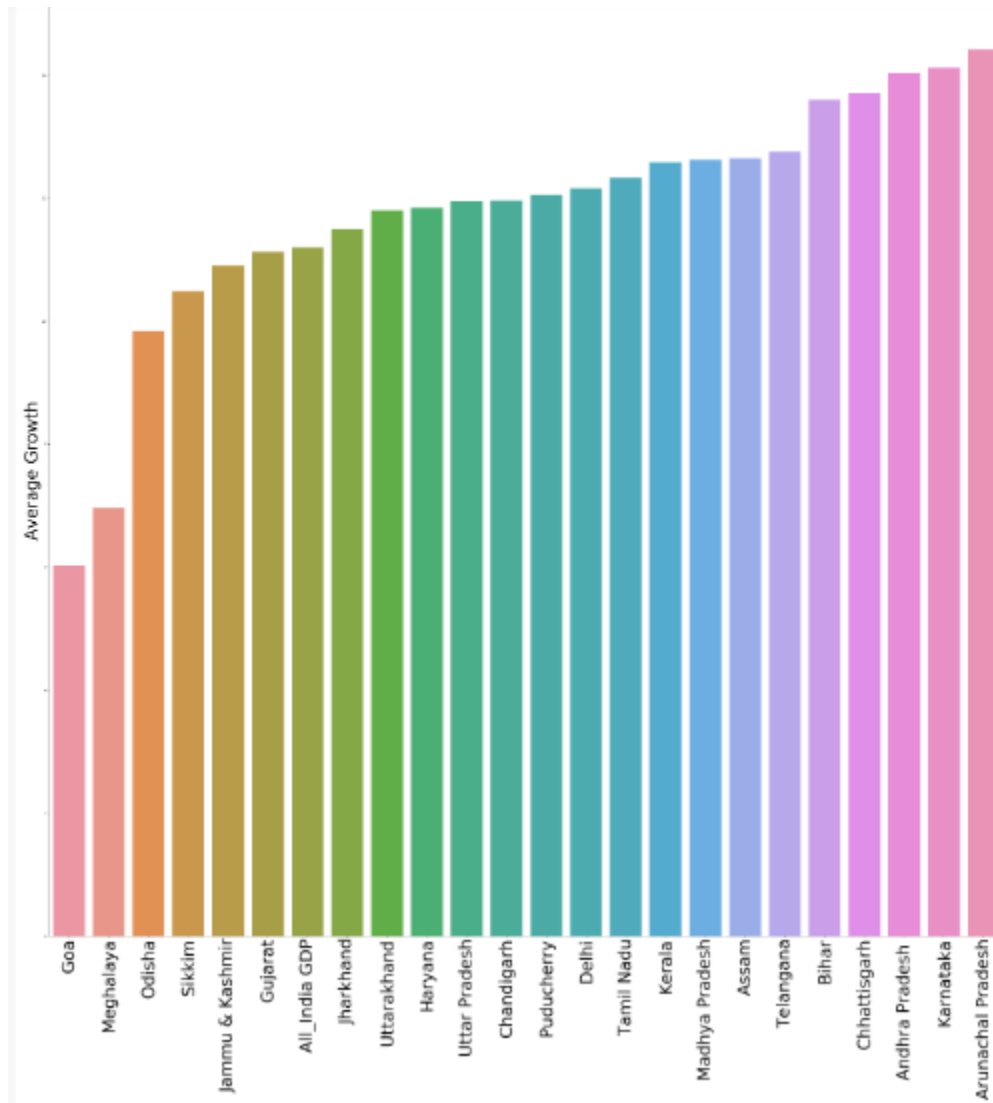


## GDP Assignment:

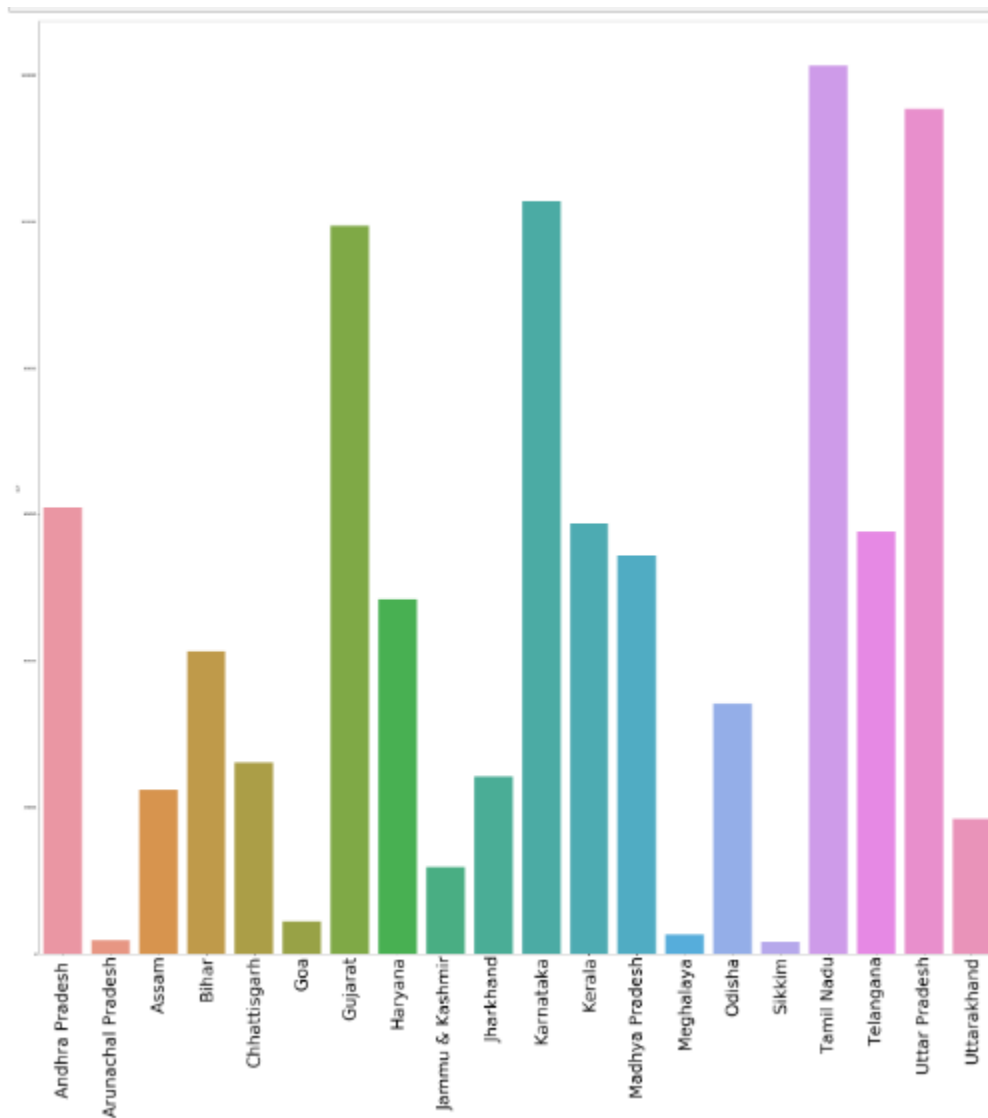
### PART-1A:

Which states have been growing consistently fast, and which ones have been struggling?



From the above chart we can infer that Arunachal Pradesh, Karnataka and AP are growing consistently fast.

Identify the top 5 and the bottom 5 states based on total GDP.



From the above we can infer that the top 5 states in the year 2015-16 are:

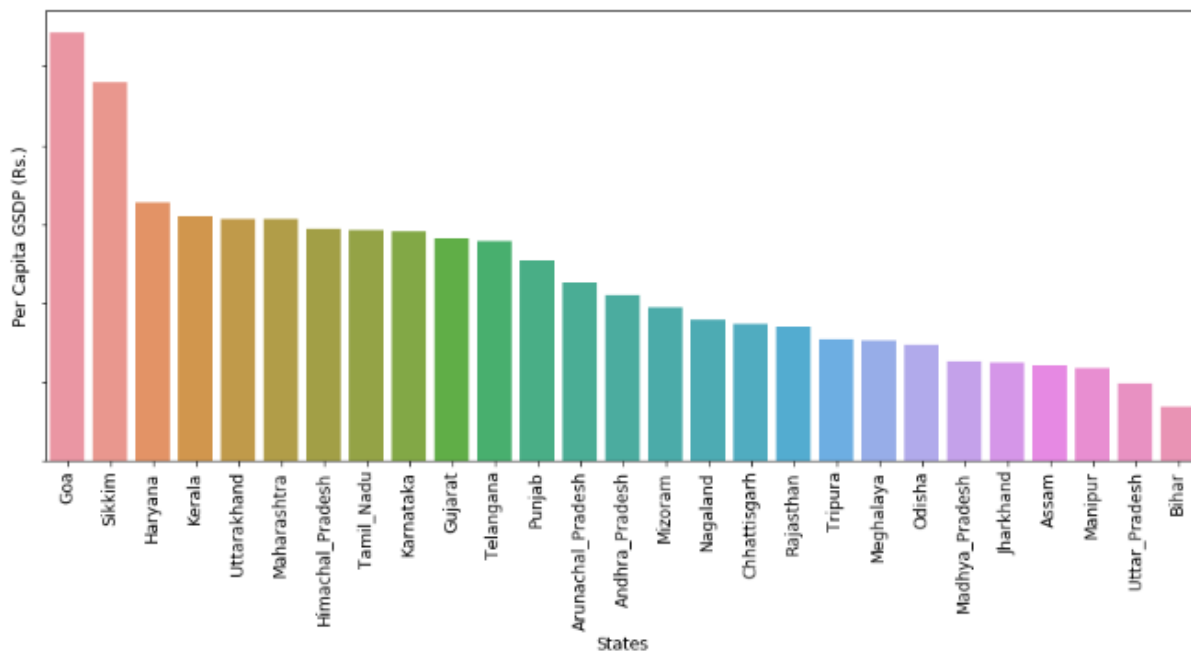
- \* TamilNadu
- \* UttaPradesh
- \* Karnataka
- \* Gujarat
- \* AP

From the above we can infer that the bottom 5 states in the year 2015-16 are:

- \* Arunachal Pradesh
- \* Sikkim
- \* Meghalaya
- \* Goa
- \* Jammu and Kashmir

## PART-1B:

Identify the top 5 and the bottom 5 states based on the GDP per capita.



Top 5 states based on GDP per capita

- \* Goa
- \* Sikkim
- \* Haryana
- \* Kerala

\* Uttarkhand

Bottom 5 states based on GDP per capita

\* Jharkhand

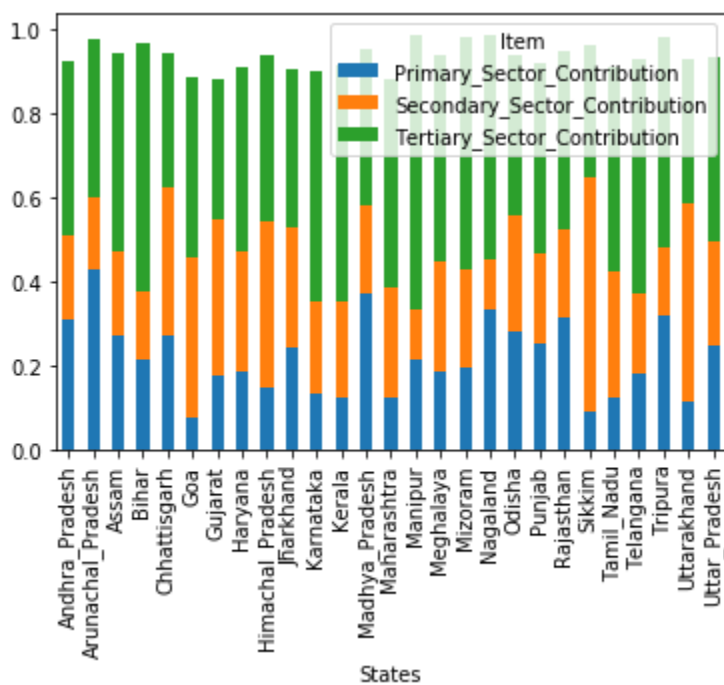
\* Assam

\* Manipur

\* Uttar\_Pradesh

\* Bihar

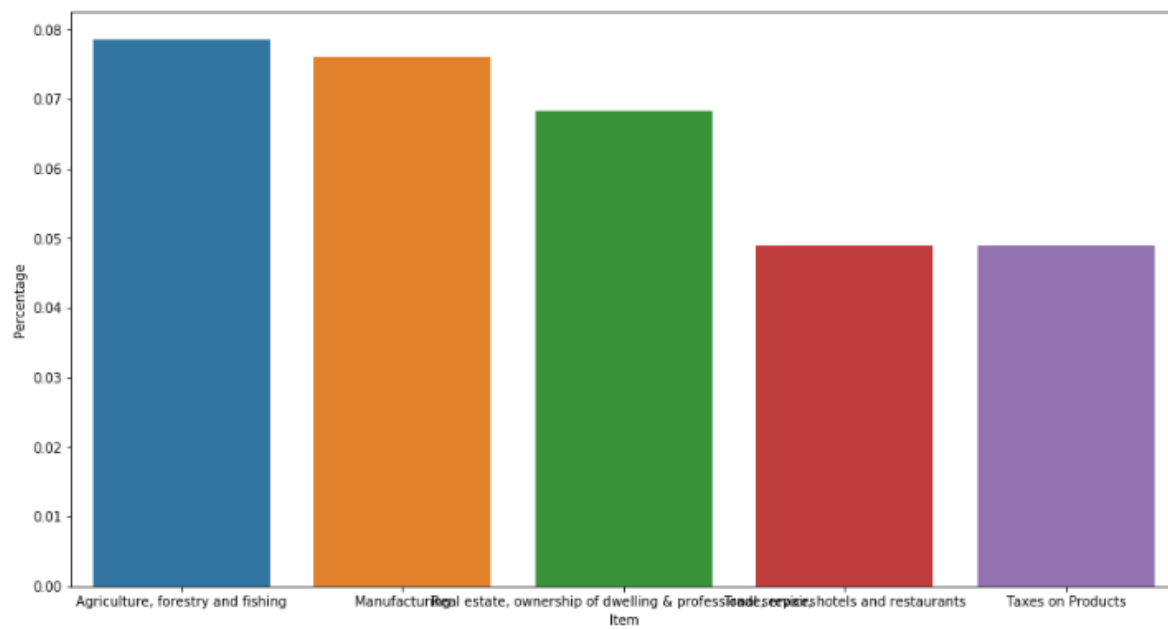
Plot the percentage contribution of the primary, secondary and tertiary sectors as a percentage of the total GDP for all the states.



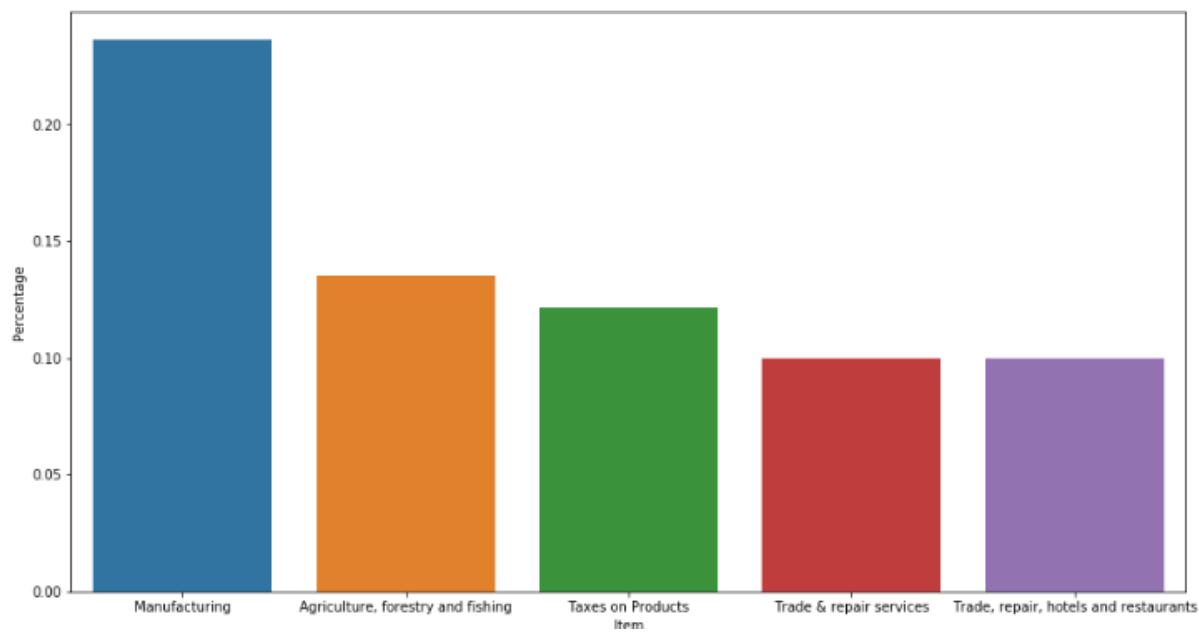
For each category (C1, C2, C3, C4):

- Find the top 3/4/5 **sub-sectors** (such as agriculture, forestry and fishing, crops, manufacturing etc., not primary, secondary and tertiary) that contribute to approximately 80% of the GSDP of each category.

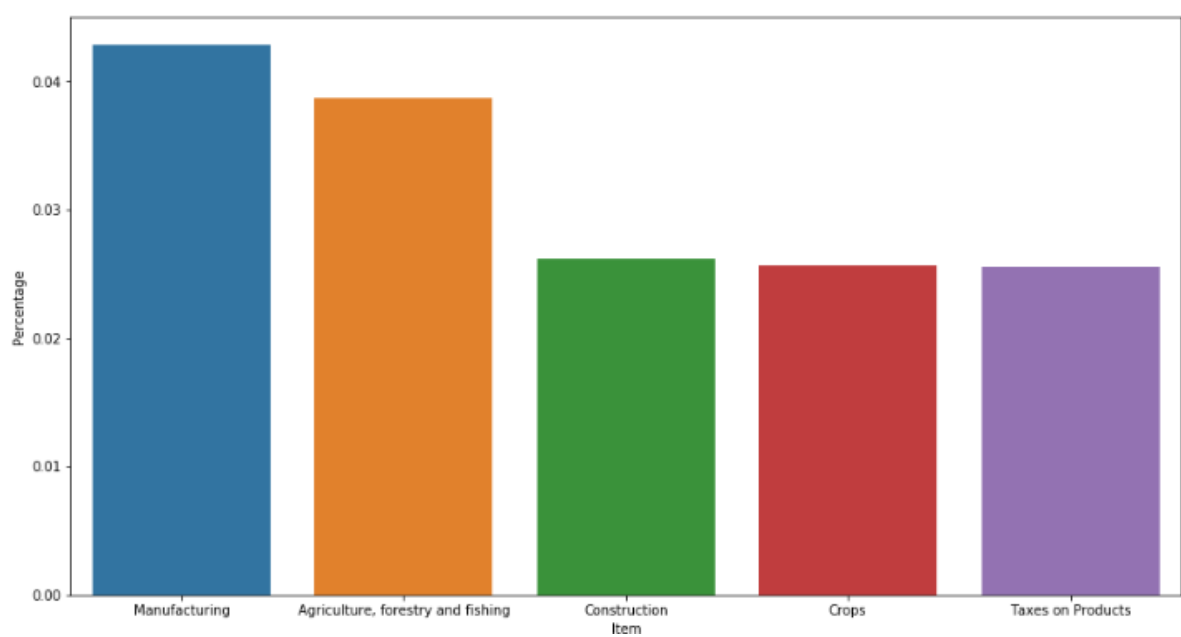
## C1 Category:



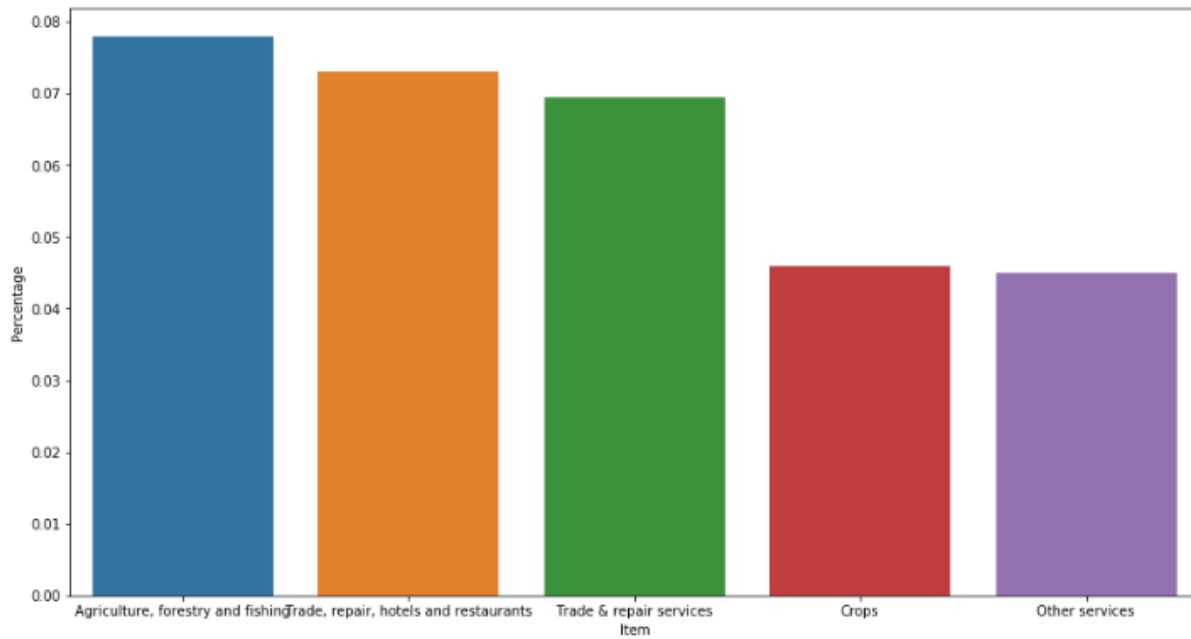
C2 Category:



C3 Category:



### C4 Category:



**From the above plots we could infer the below,**

The Top 3 sub sectors contributing are

- \* Agriculture, Forestry and Fishing
- \* Manufacturing
- \* Trade, repair, hotels and restaurants

### In C1 category states:

Top 5 sectors contributing to the 80% of GDP are

- \* Agriculture, Forestry and Fishing

- \* Manufacturing
- \* Real estate, ownership of dwelling & professional services
- \* Trade, repair, hotels and restaurants
- \* Taxes on Products

### **In C2 category states:**

Top 5 sectors contributing to the 80% of GDP are

- \* Manufacturing
- \* Agriculture, Forestry and Fishing
- \* Taxes on Products
- \* Trade & repair services
- \* Trade, repair, hotels and restaurants

### **In C3 category states:**

Top 5 sectors contributing to the 80% of GDP are

- \* Manufacturing
- \* Agriculture, Forestry and Fishing
- \* Construction Items
- \* Crops



- \* Taxes on Products

## **In C4 category states:**

Top 5 sectors contributing to the 80% of GDP are

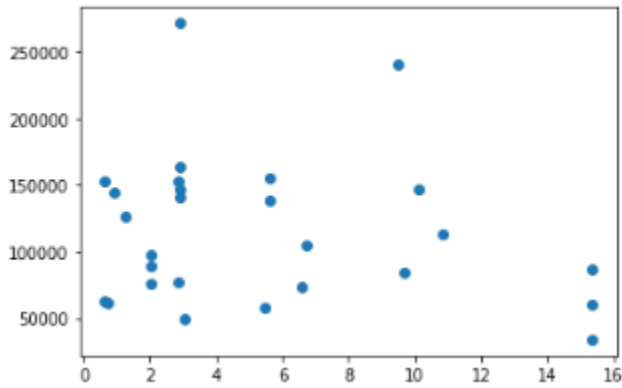
- \* Agriculture, Forestry and Fishing
- \* Trade, repair, hotels and restaurants
- \* Trade & repair services
- \* Crops
- \* Other Services

## **Recommendation:**

The Primary sector is contributing more to the GDP in all the categories. The services and tertiary sector needs more focus in order to start contributing more to GDP

## PART-2:

### GDP and Education Correlation:



### Inference:

When people are well educated the GDP Per capita is better whereas if people literacy is less the GDP Per capita is also less.

Hence there is a strong correlation between the dropouts and GDP Per Capita.