

# GDP Analysis

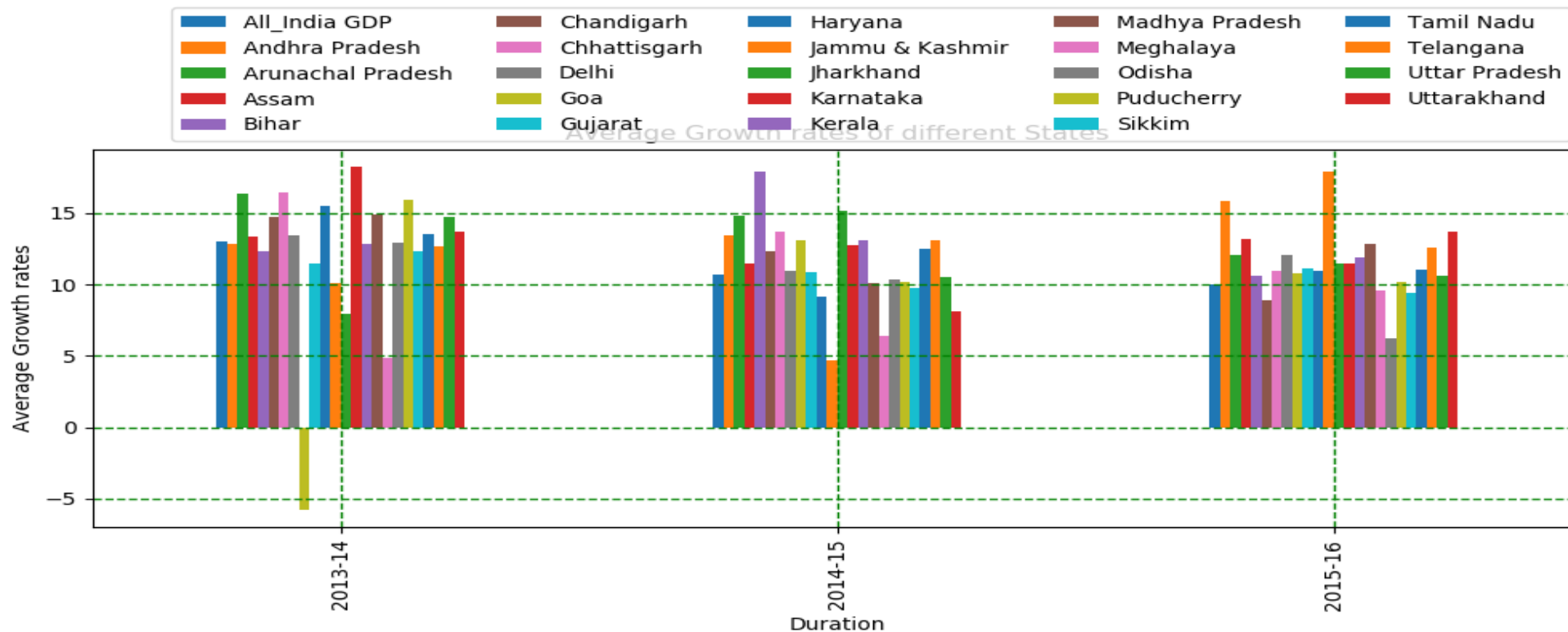
India

2014-15

# NITI Aayog:

- ▶ Summary :
- ▶ 1. Growth Rates of GDP across States
- ▶ 2. Highest GDP contributing State in India
- ▶ 3. Most contributing Sectors in India
- ▶ 4. Most Contributing Sub Sectors in India
- ▶ 5. GDP - Other findings & Analysis including the Education level impacts.
- ▶ 6. Recommendations & Suggestions

# Growth Rates of GDP across States



For Each Year, the growth rate of the states over the years is given above.

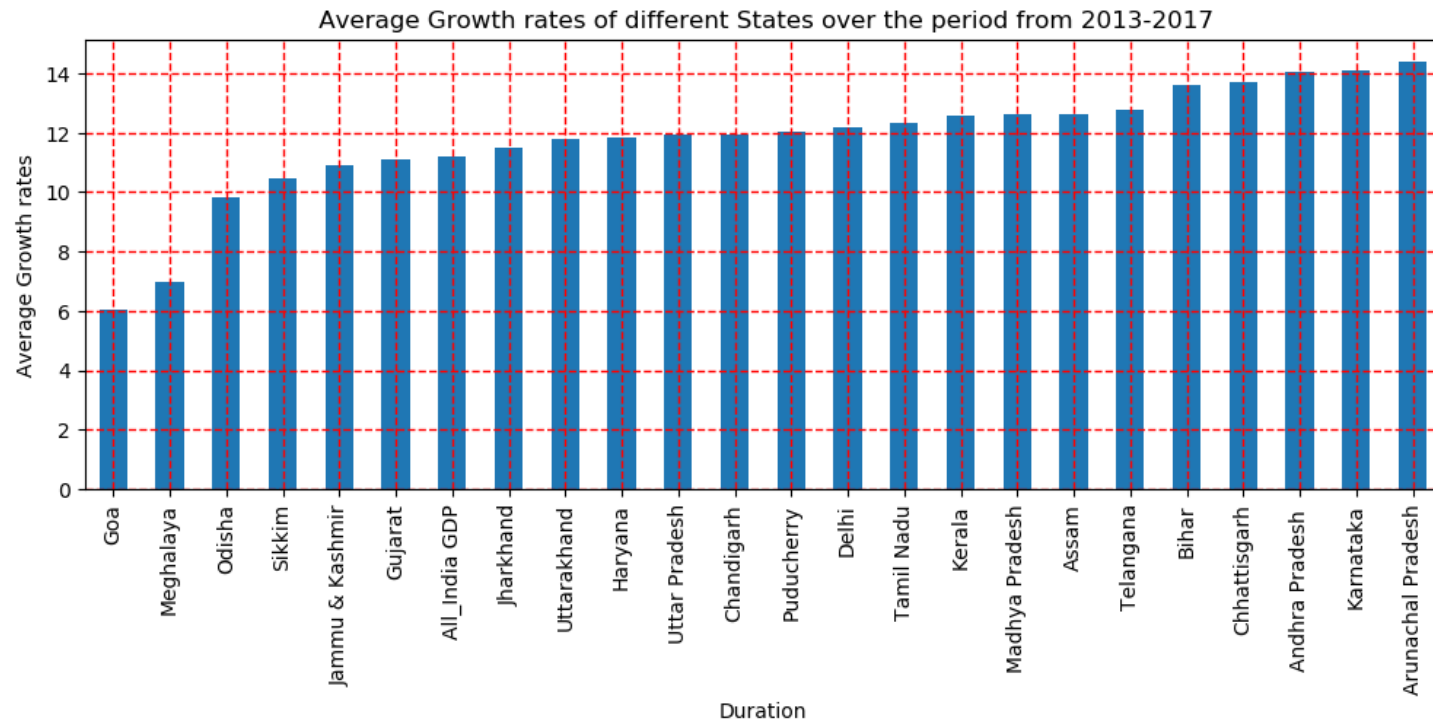
Highest Year wise states growth rate

2013-14 - Karnataka

2014-15 - Bihar

2015-16 - Jammu & Kashmir

# Highest GDP of the State in India



From the Graph - Highest

1.Arunachal Pradesh is having highest growth rate over the period of 2013-17

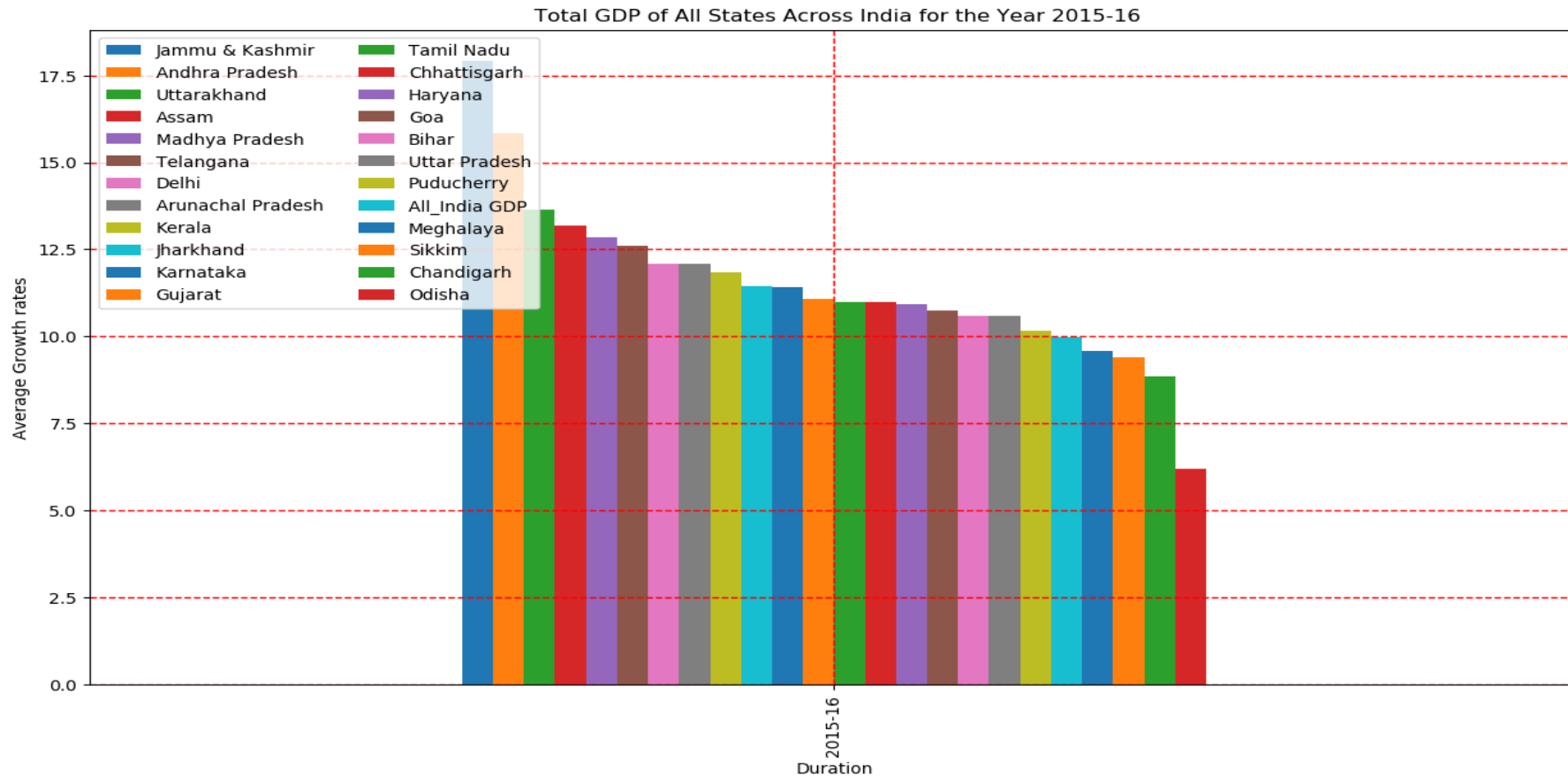
2.Karnataka is the seond highest growth rate.

From the Graph - Struggling

1.Goa is struggling

2.Megalaya

# Total GDP for 2015-16



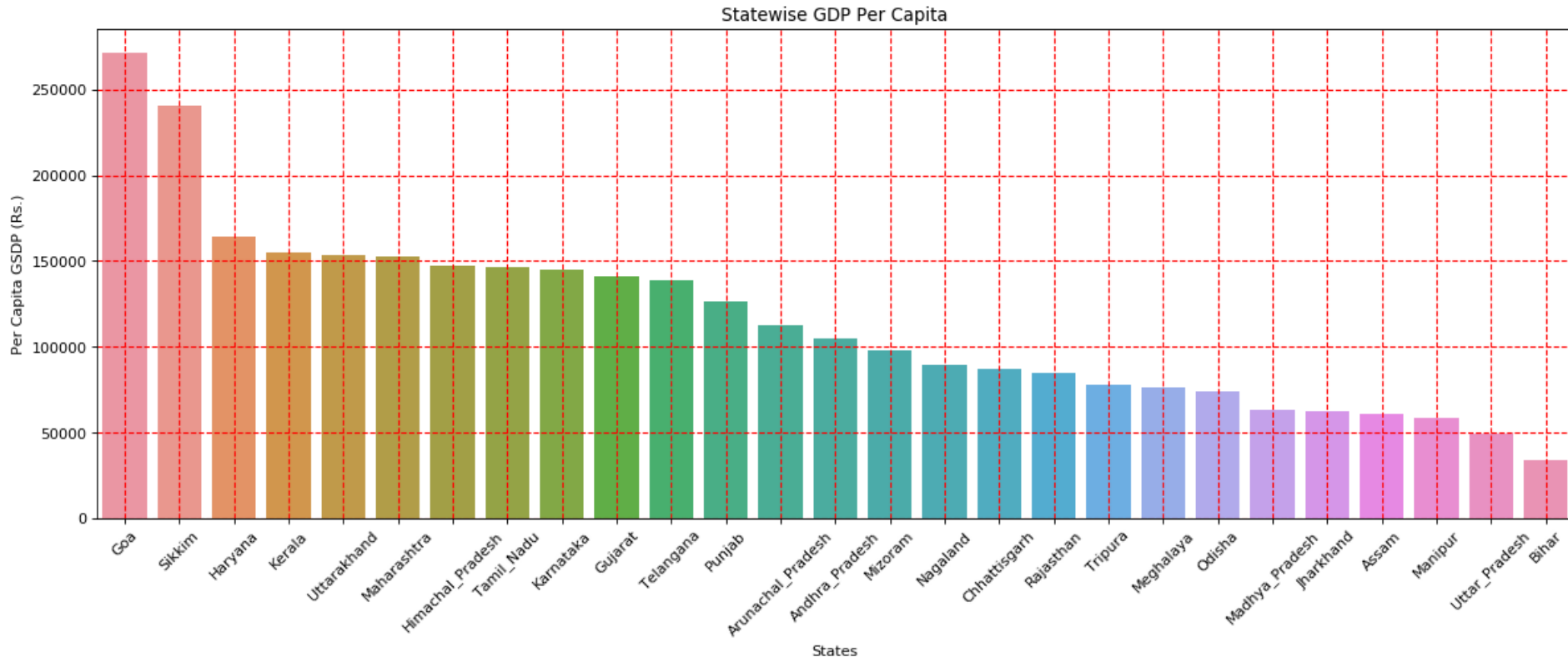
From the Above graph we can see Tamil Nadu - My state GDP growth rate is better compared to All\_India GDP growth rate(Total GDP of India)¶

# Top 5 states & bottom 5 states

	Jammu & Kashmir	Andhra Pradesh	Uttarakhand	Assam	Madhya Pradesh
Duration					
2015-16	17.91	15.85	13.65	13.19	12.86

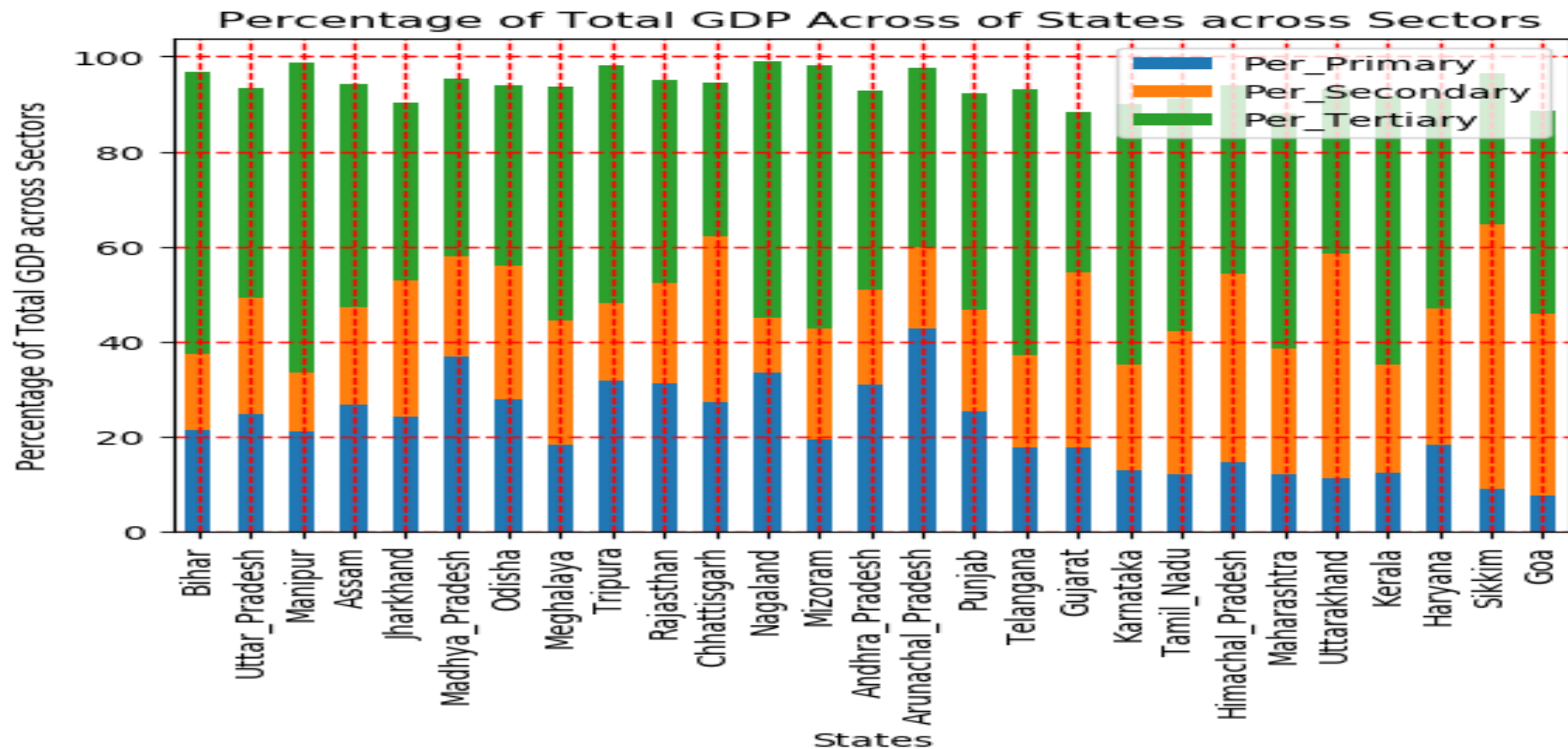
	Puducherry	Meghalaya	Sikkim	Chandigarh	Odisha
Duration					
2015-16	10.15	9.58	9.39	8.84	6.19

# State wise GDP per capita



- 8.0 is the ratio of the highest state per capita(Goa) to the lowest state per capita(Bihar)¶
- From the Above graph, we can see that the Goa is the top GDP per capita then sikkim. The lowest GDP per capita in rupees is Bihar and the second lowest is Uttar Pradesh.

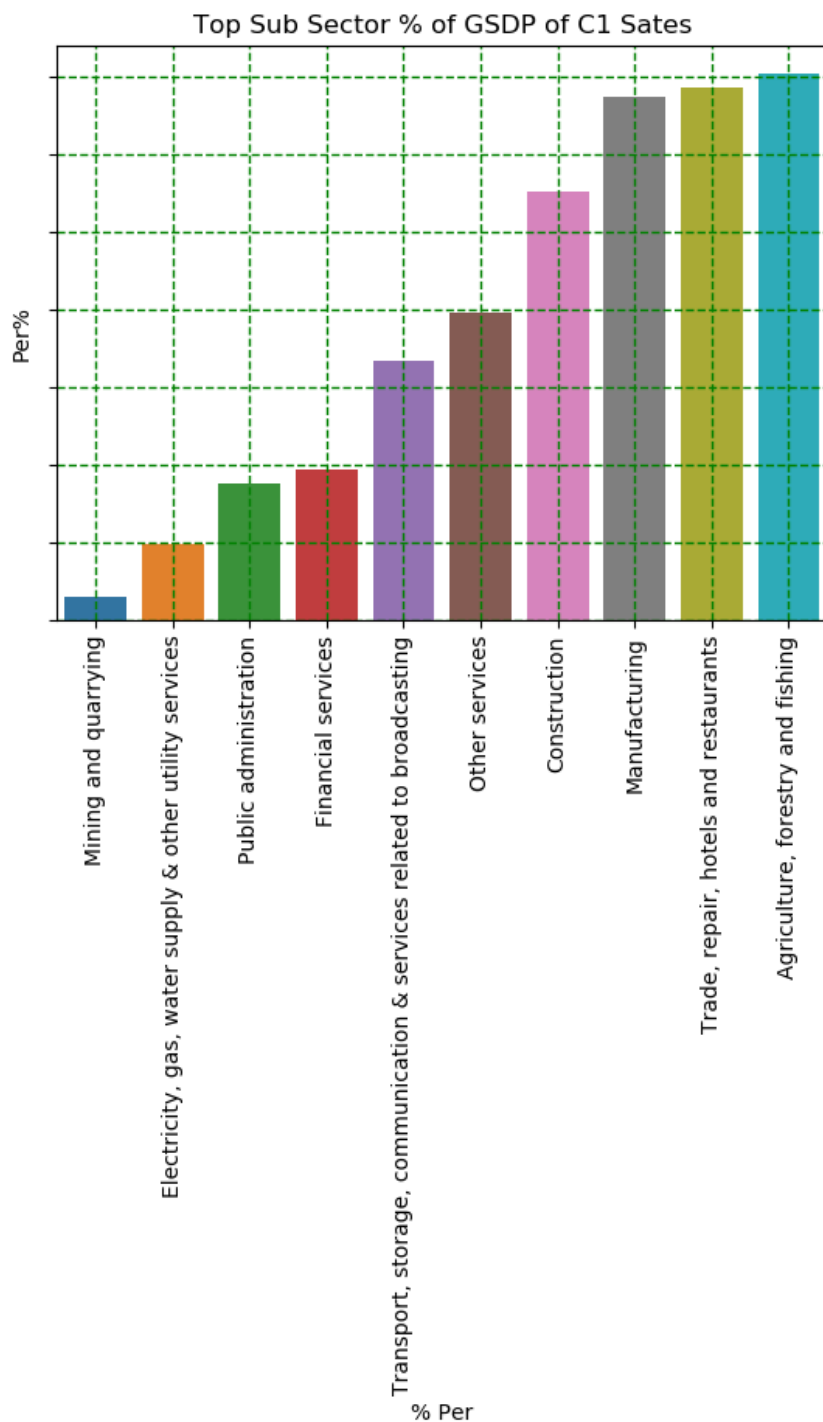
# Percentage of GDP in Sectors



From the above graphs we can clearly see that

1. Bihar State is the lowest per Capita. The % Tertiary is higher than % Secondary & % Primary. Bihar needs to invest money to improve the Secondary sector
2. Goa is the highest GDP , the Primary % is less compared % tertiary and secondary.



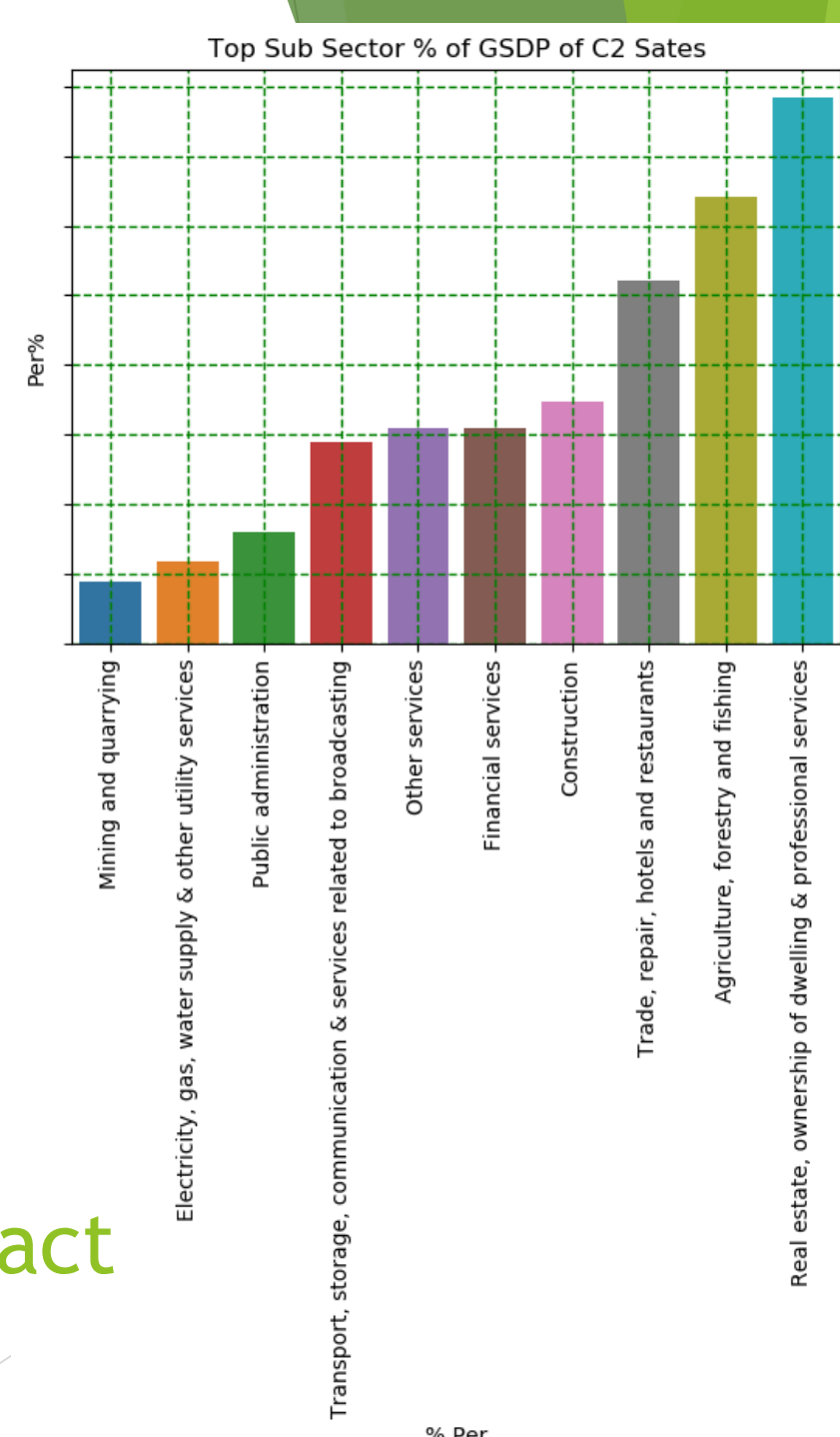


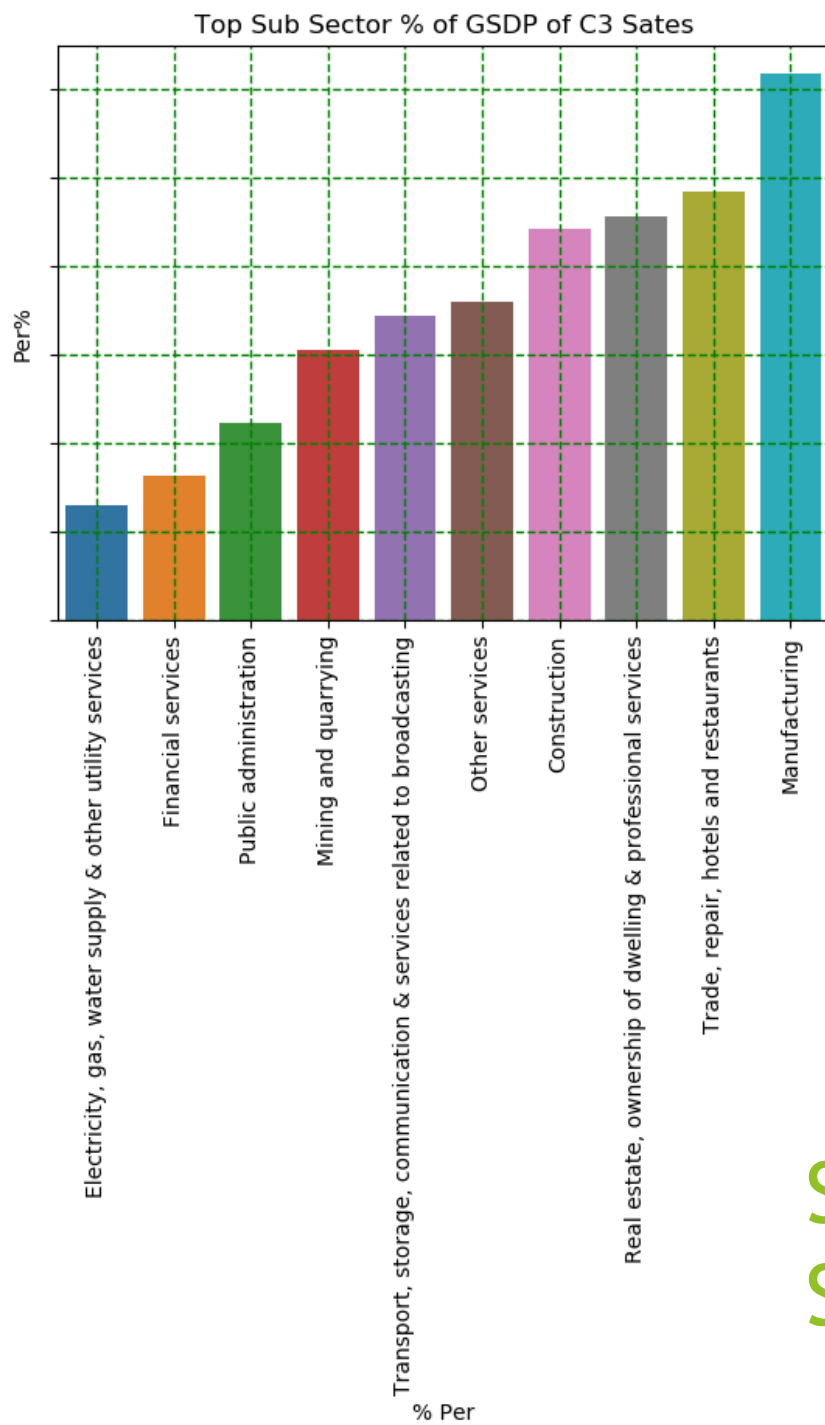
## C1 States

Agriculture ,forestry & finishing is the most contributing to GDP. second is Trade, repair, hotels and resturants & Manufacturing these three contributes the approx. 80% of the C1 States GDP.

2. But the other inferences of this Graph, is Mining & Quarring needs to be focussed espicially in Goa where tourism and mining is the major revenue for the growth of the States.¶

## Sub-Sectors C1,C2 States on GDP Impact

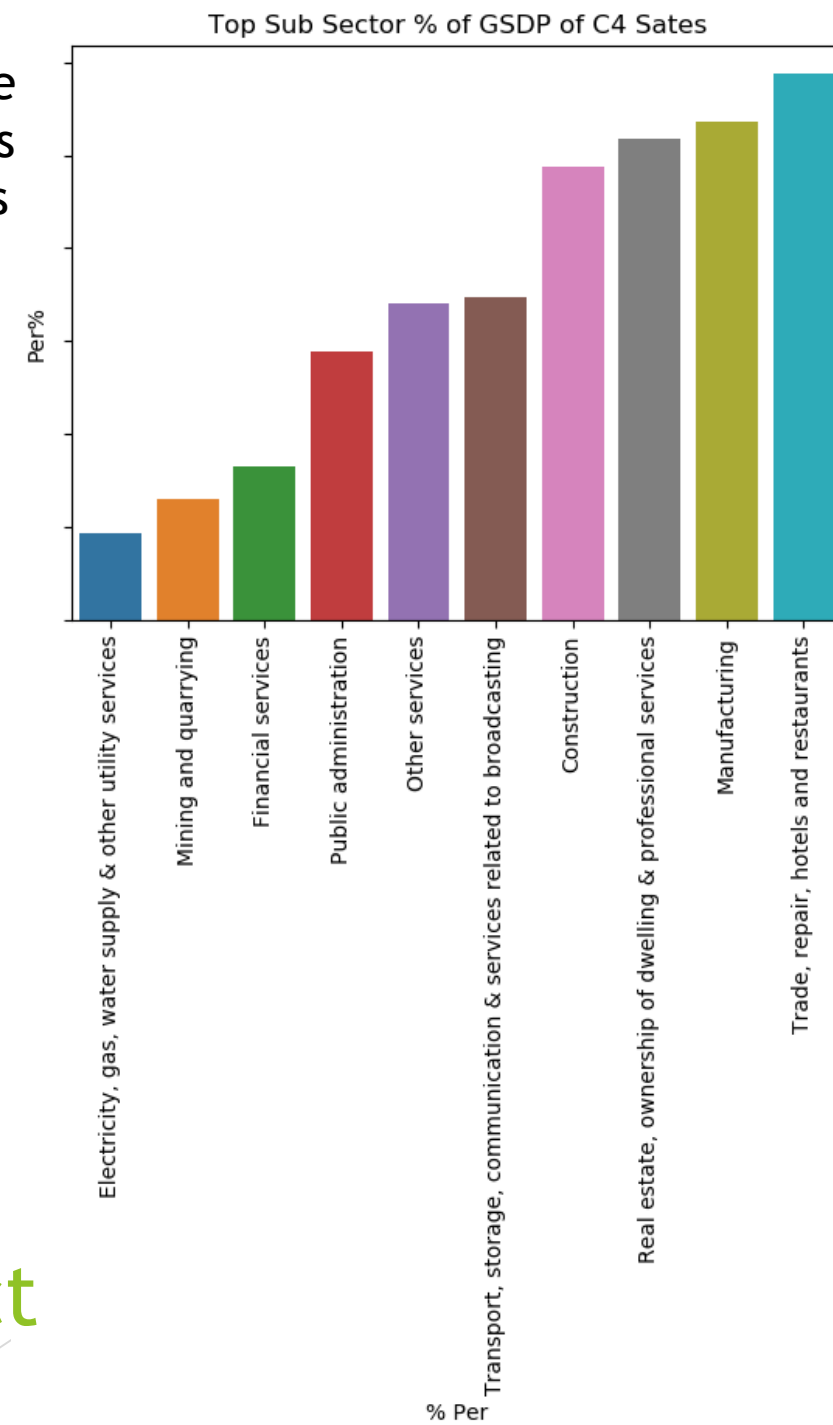




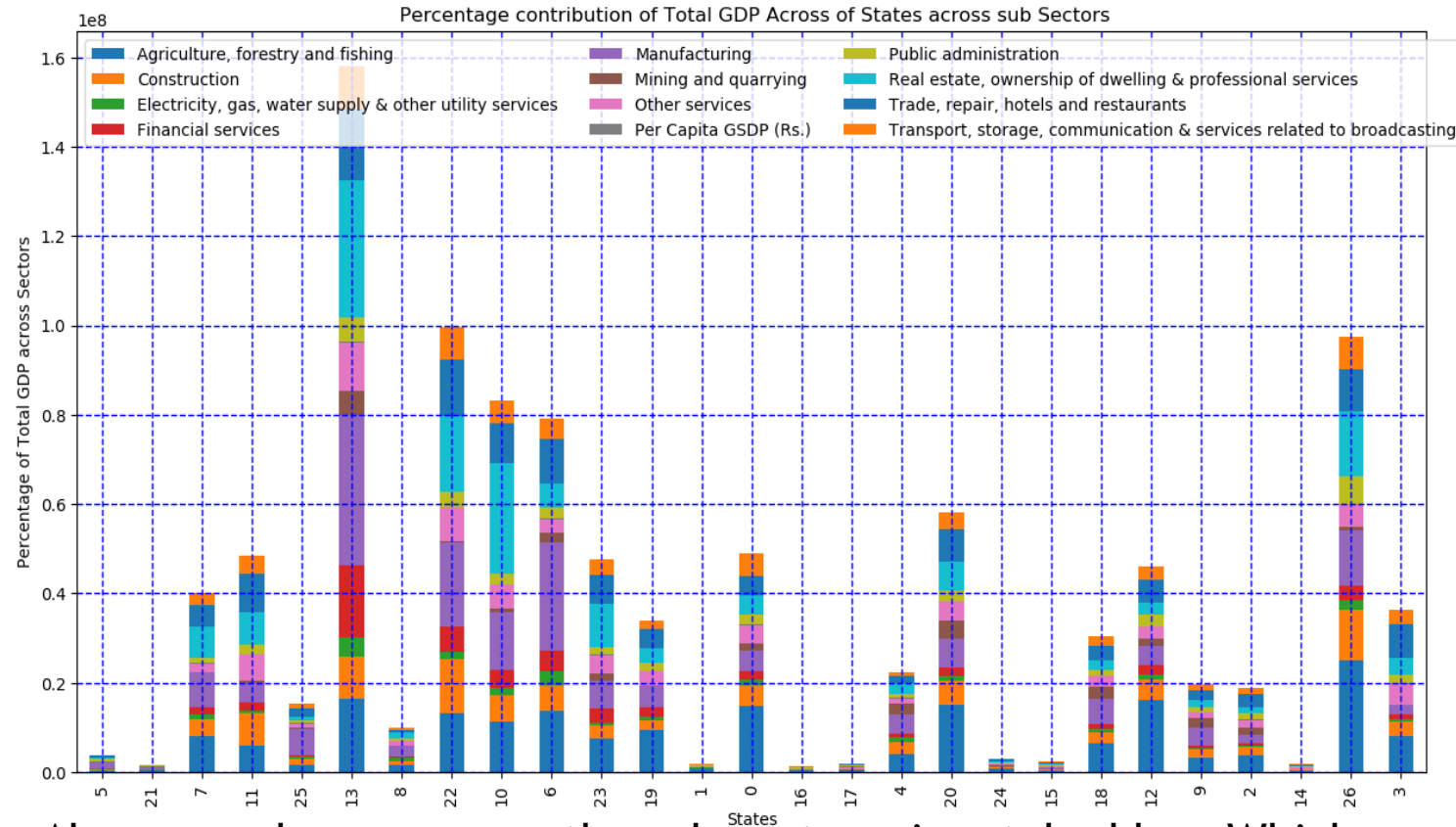
In C3 states, Manufacturing, Trade and repair, hotels & Restaurants is the highest contributing factor, As like C2 and C1 need more investment and do the revisit of the regulatory policies of Electricity generation and other utility services.

In C4 states, Trade, Repair hotels & restaurants, Manufacturing is the highest contributing factors this states. As like other Mining and Quarrying, electricity gas water supply needs to be invested more.

## Sub-Sectors C3,C4 States on GDP Impact



# Percentage of Total GDP across states



From the Above graph we can see the sub sector wise stacked bar. Which gave a insights that in these below states, these subsectors contributed more to the GDP compared to other states etc.,

- Maharashtra we can see there is progress in all the subsectors next is
- Uttar Pradesh,
- Tamil nadu,
- Karnataka,
- Gujarat,

# Other Inferences

In all the Sectors We can see clearly the following things C1,C2,C3,C4

High GDP rate across country contribution is

1. Agriculture
2. Manufacturing
2. Real Estate, Ownership & Dwelling & Professional Services
3. Trade, Repair, hotel & restaurants

In which high GDP states of C1 are Goa,Sikkim, Haryana, Kerala, Uttarkhand contributing more GDP this the above sectors only.

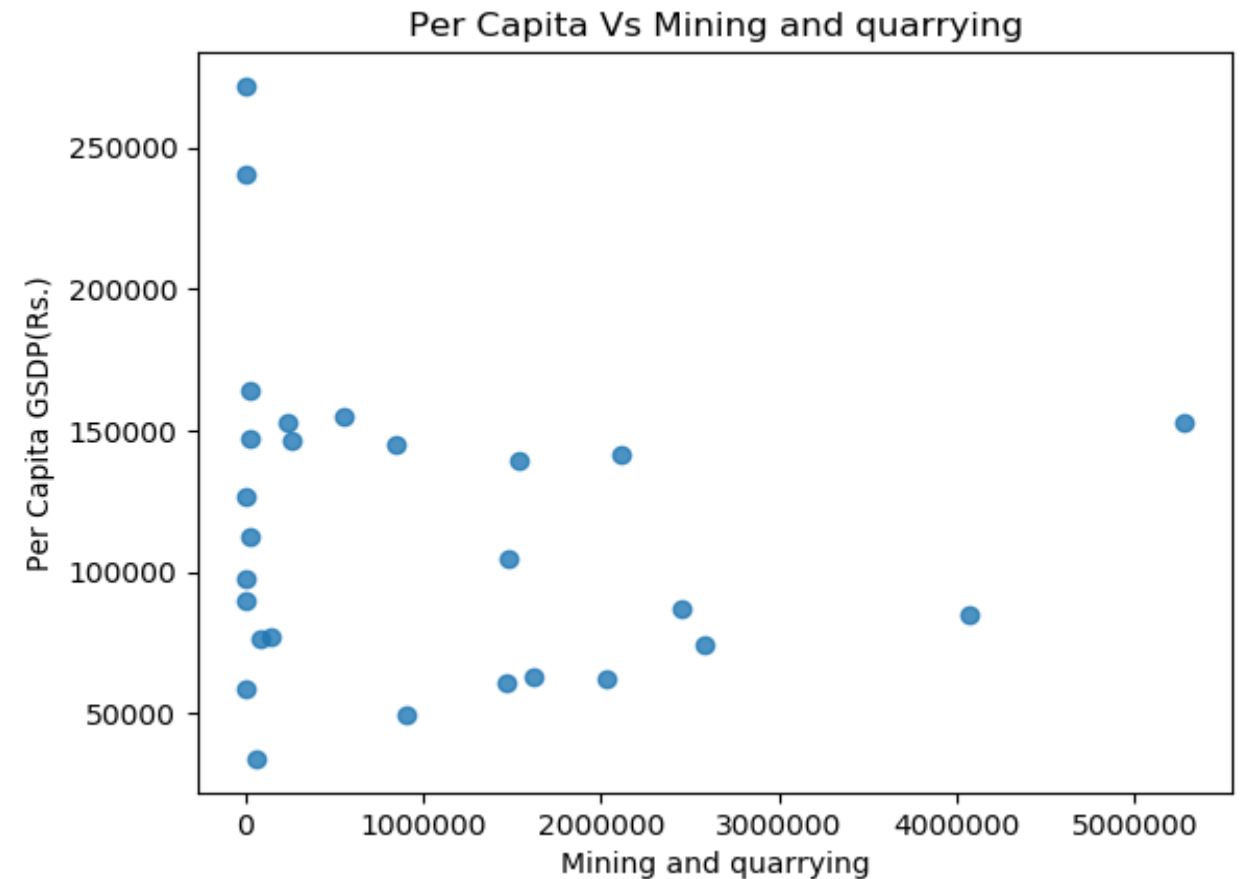
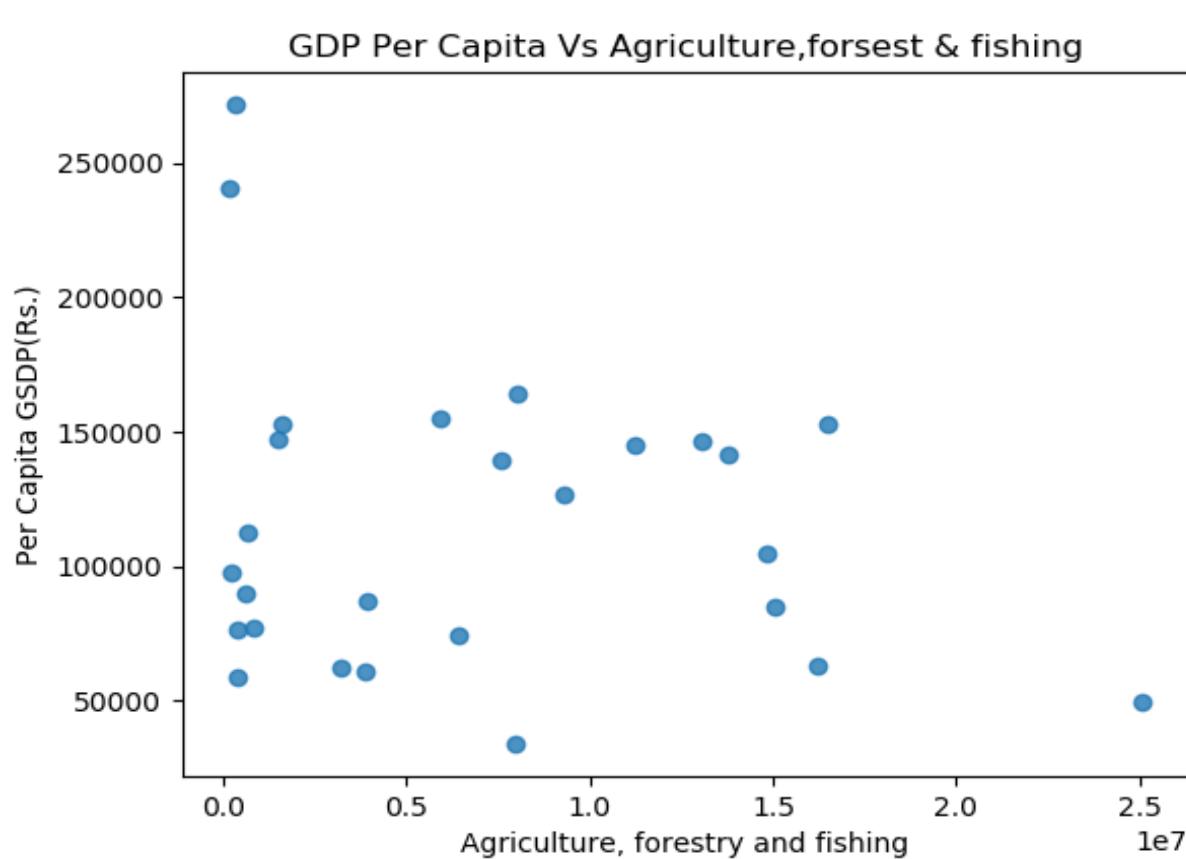
But the other way around the

sectors such as

1. Electricity, gas, water supply & utilities
2. Mining & Quarrying
3. Financial Services
4. Public Administration

needs to be relooked in to for the improvement.

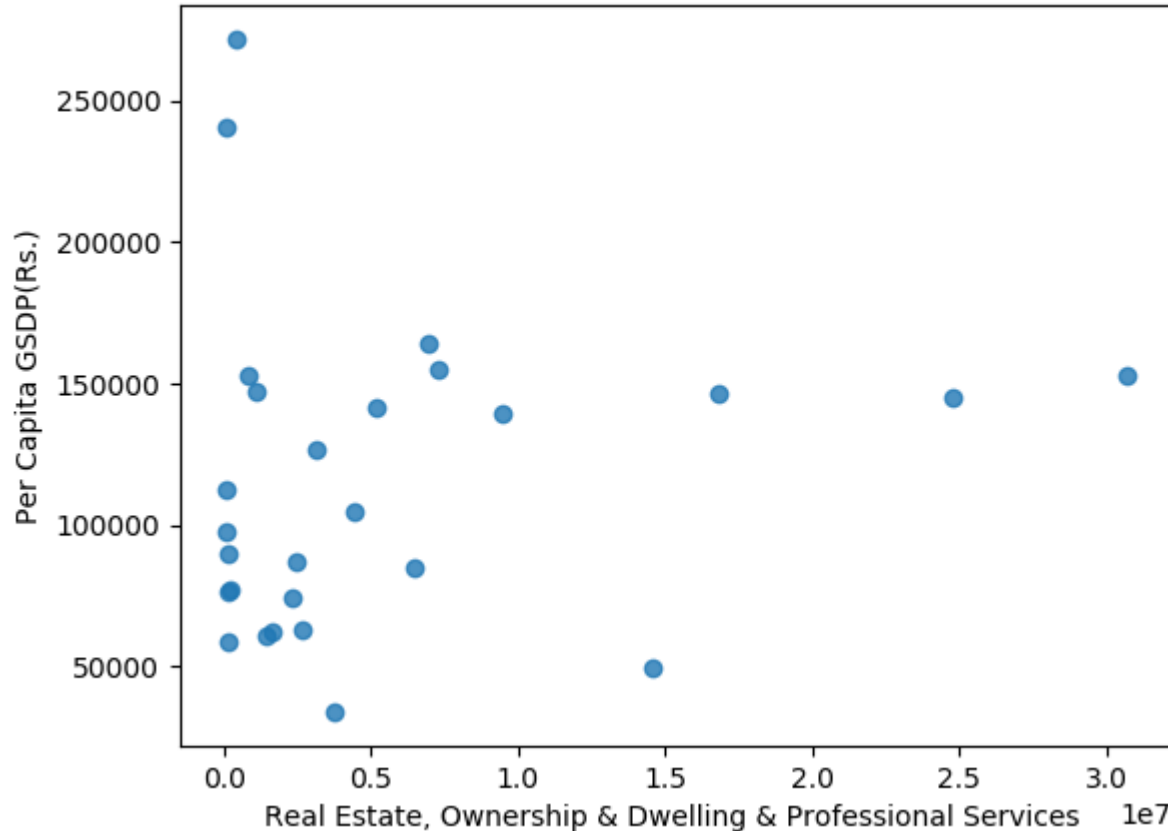
# Which Sub sectors more GDP Impacts



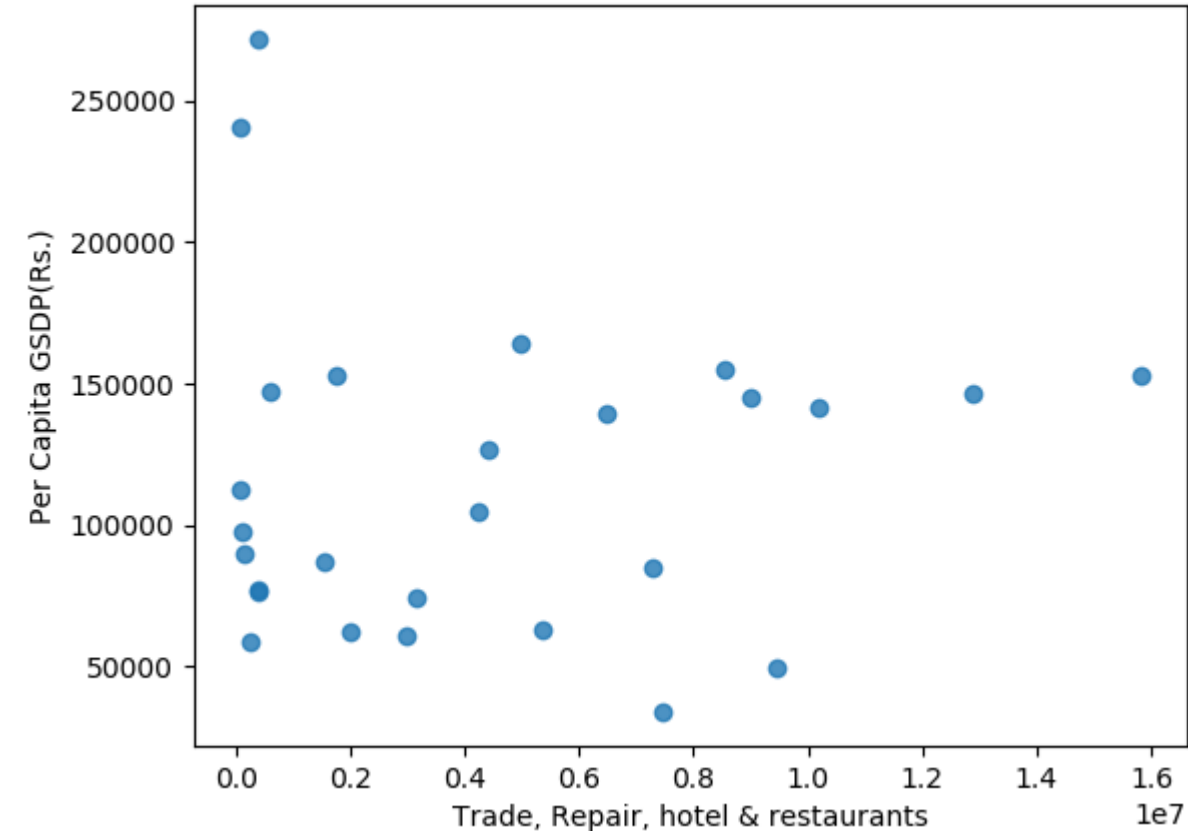
Above graph shows a positive trend . But to grow the GDP rate Agriculture and Mining focus will help  
Need to Open all the goa Mining Operations etc. will help to improve the GDP beyond 10%

# Which Sub sectors more GDP Impacts

Per Capita Vs Real Estate, Ownership & Dwelling & Professional Services

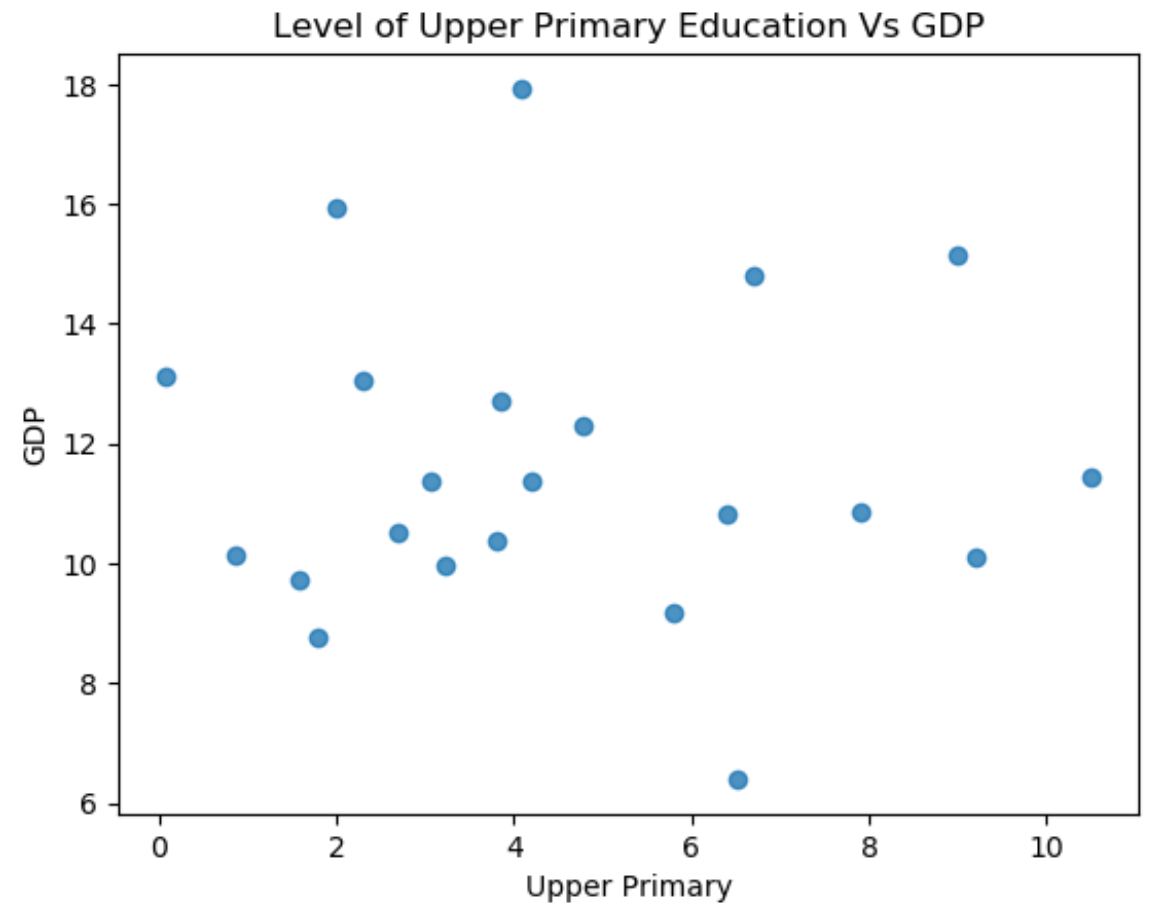
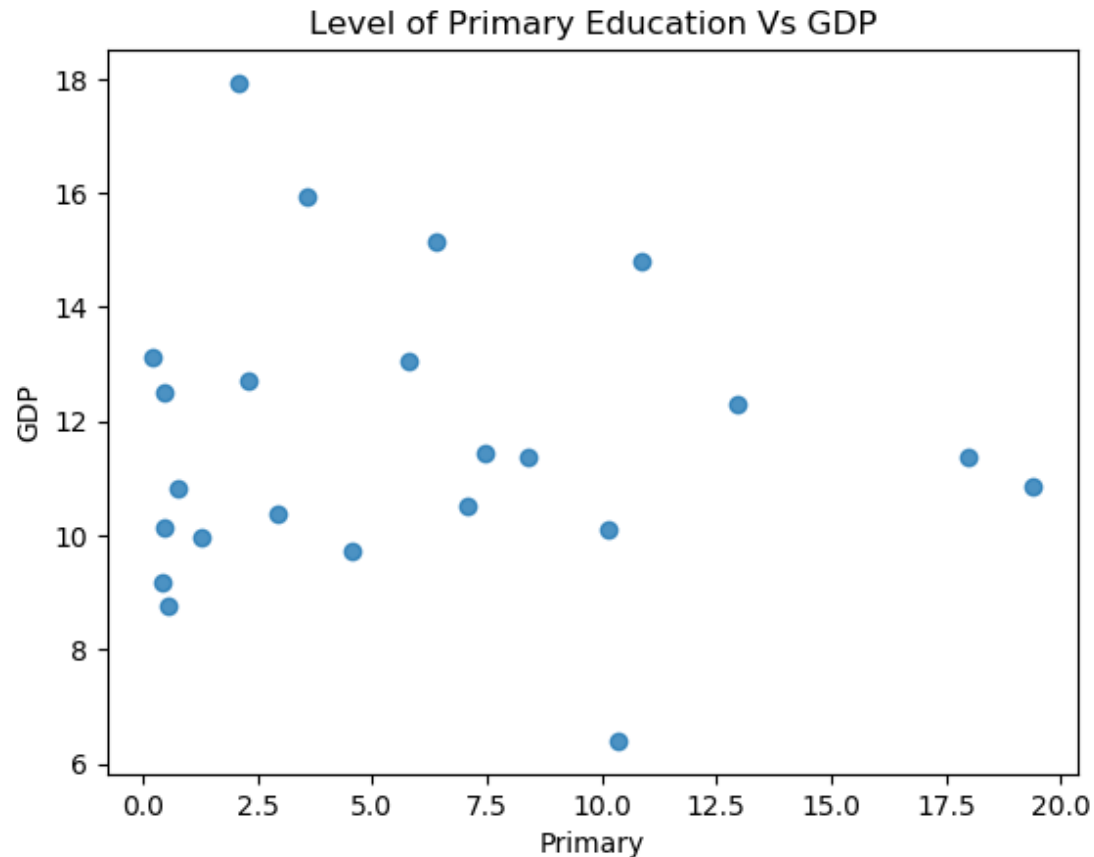


Per Capita Vs Trade, Repair, hotel & restaurants



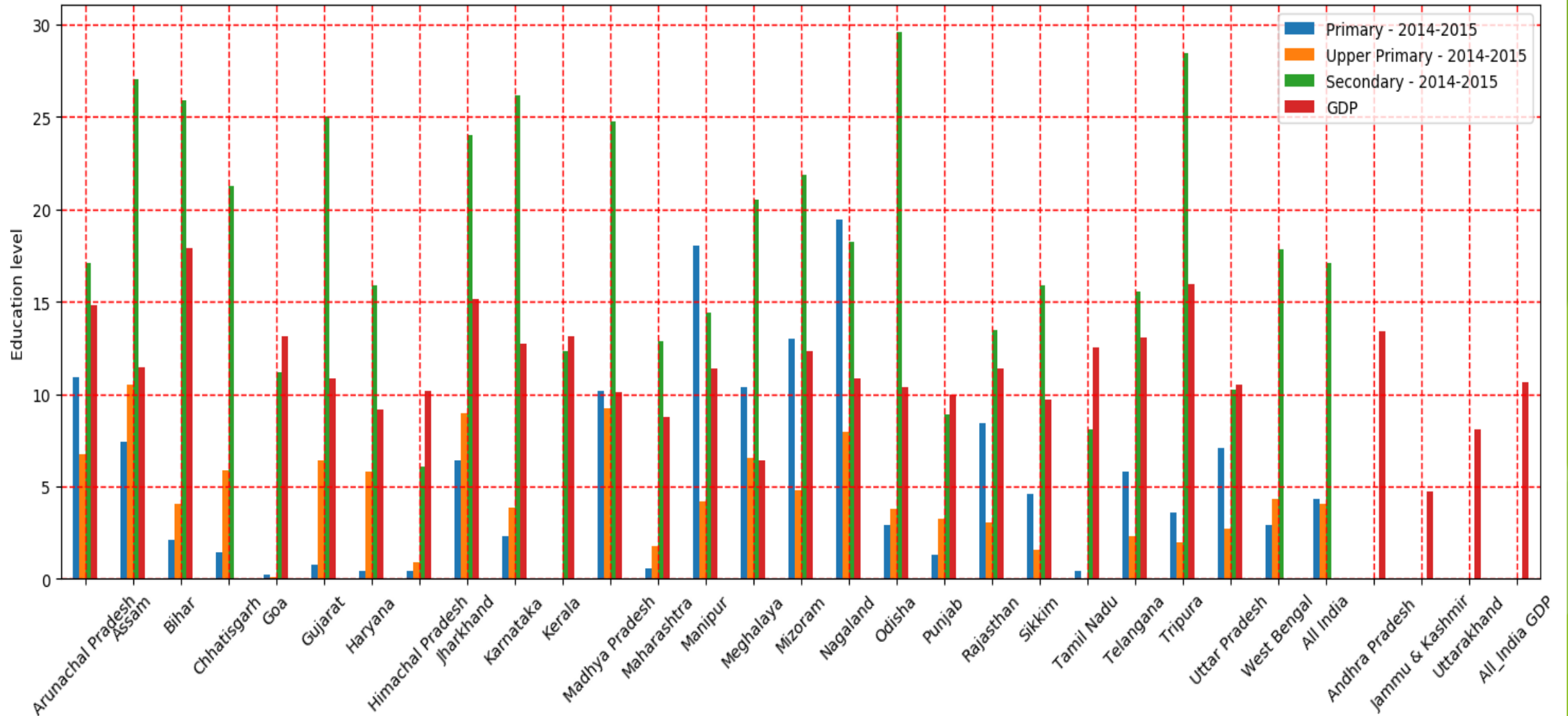
Trade, Repair, Hotel and restaurants are not much correlated.  
Relatively low impact on GDP compared to Real Estate

# Level of Education Impacting GDP



Upper Primary seems positive compared to primary. Need more focus on primary education

Level of Education Statewise GDP Per Capita



The secondary Education level of 2014-15 is high especially in Nagaland, then Tripura, Andhra Pradesh and Karnataka, The governments needs to focus on the primary and upper secondary areas in Education such as Scholarships, more government aided schools and regularize and revisit the existing policy.



# Actions/Suggestions

1. Goa State - Mining is completely stand still. By regulating and reopening of all the mines the GDP % will go beyond the over all GDP rate of \$1717 for 2015-16, now 2019 march \$2041. But still we are in 139th position only.
2. Investment is needed in improving the Energy Sectors as it is the backbone of the country.
3. Increase the Water supply and connecting of water sources and optimum usage of these resources will be more helpful.
4. Public administration needs to be work cohesively with other government departments and it will help boosting the infrastructure of the states.
5. To move our country to the next level, the regulations and the policies to be revisited and time to time necessary changes will help to sustain the business and move our GDP to more than two digit %.
6. Invest more in the Primary and Upper Primary Education levels. Promote more scholarships for students, more state government aided schools. Merit based admissions etc., needs more change in the policy and systems