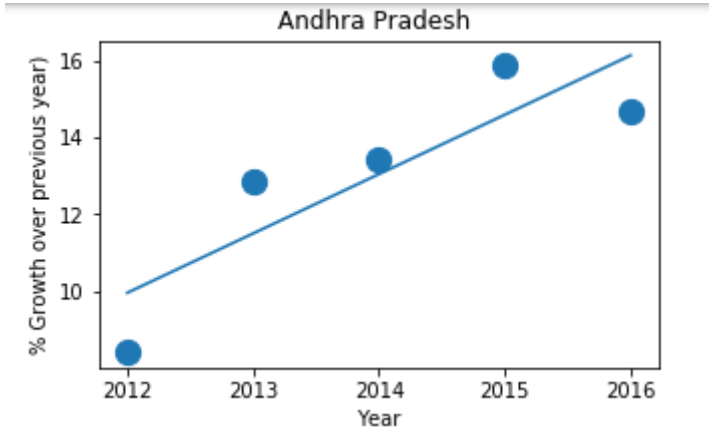
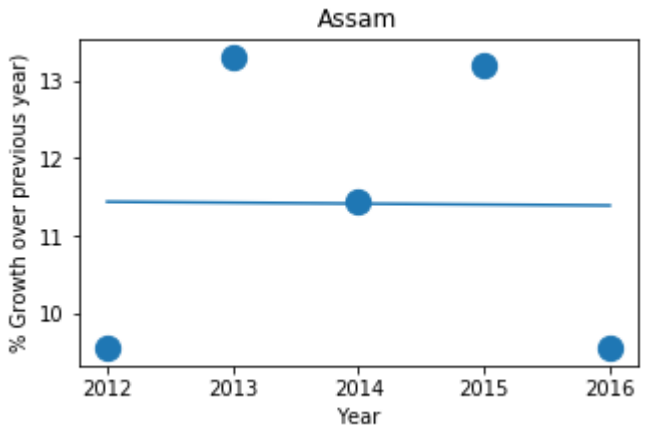
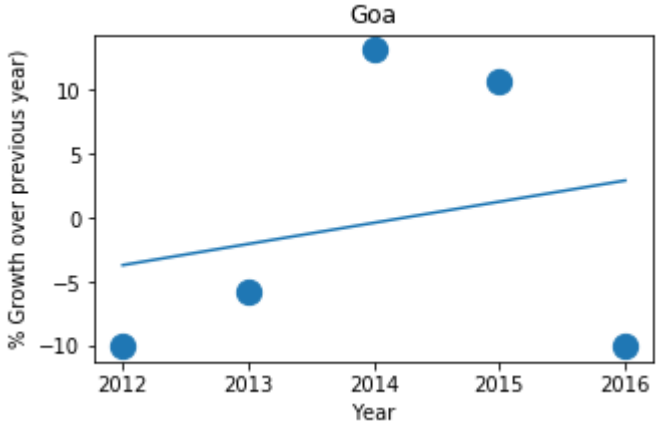
GDP Files Analysis

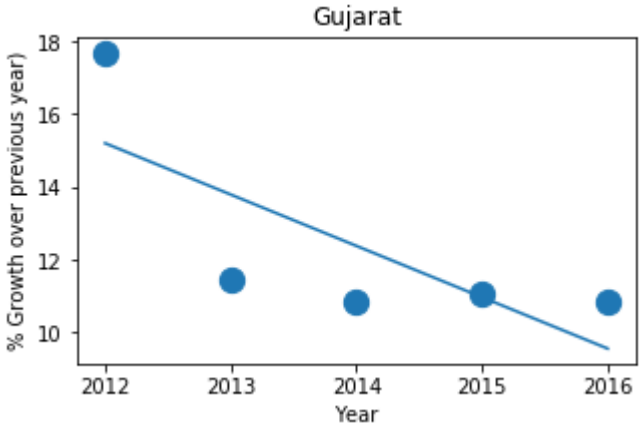
-Raviraj Kuber

Best Fit Line- Samples





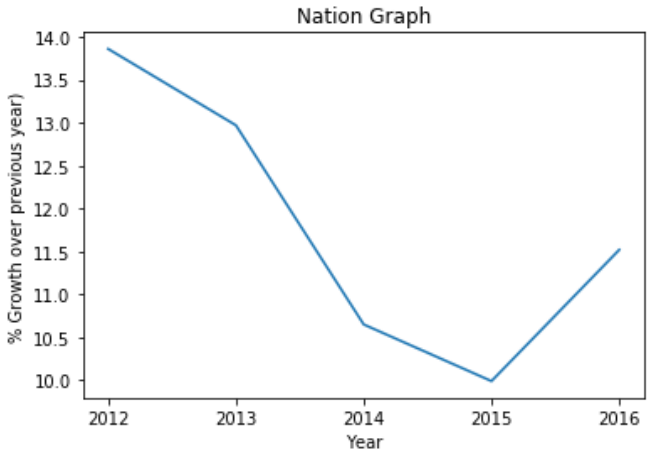




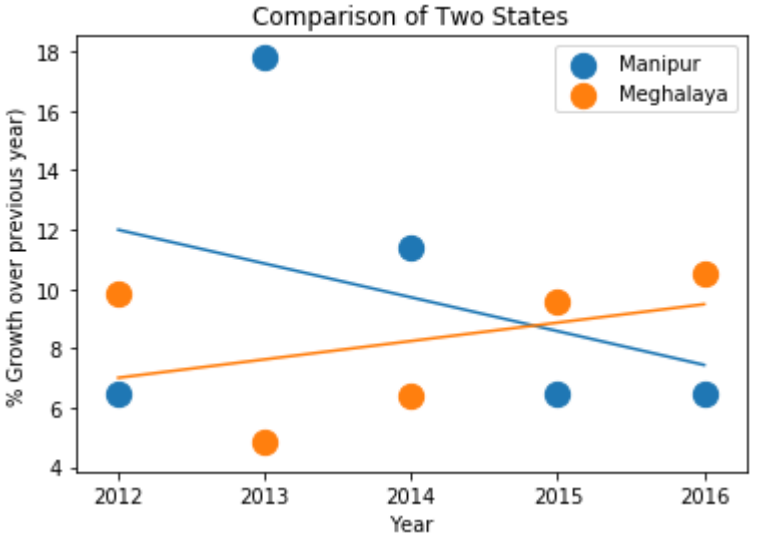
From the Above samples, the best fit line , describes the possible values that that were possible across the years, for Growth over previous Years.

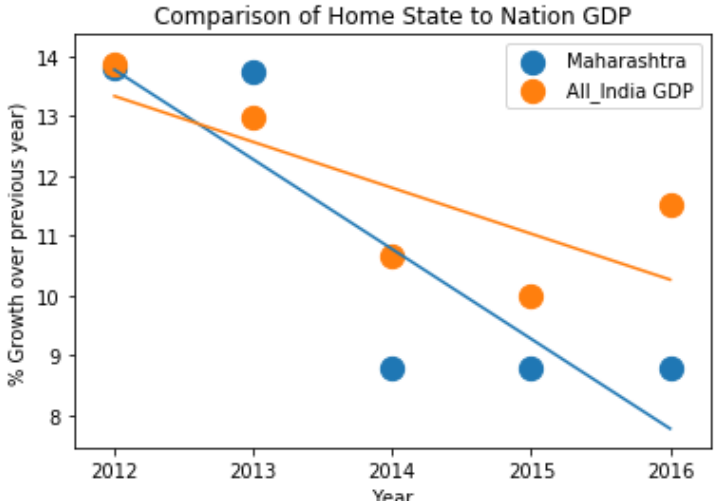
Note- The Graph for all the states are available in the Python Code File.

Nations Growth Rate/Comparison of home State to Nation GDP/Comparison of Two States.



From the Following Line graph, it is observed that Nation's Growth Rate was on a Downtrend till 2015, but it recovered drastically during the year 2016.

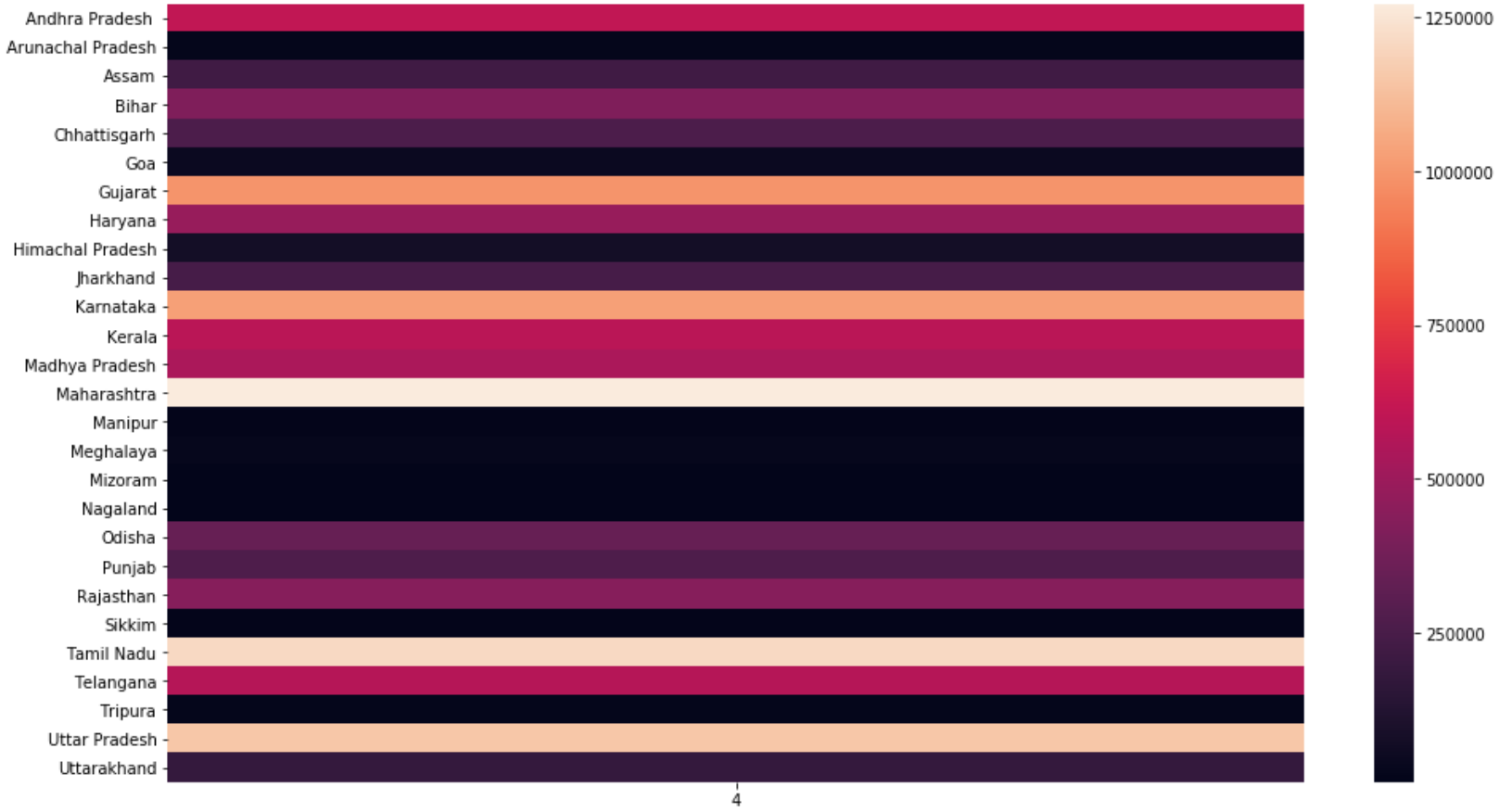




From the Following Line graph, it is observed that Home State's growth has been declining at a much faster rate as compared to Nations Growth, in GDP.

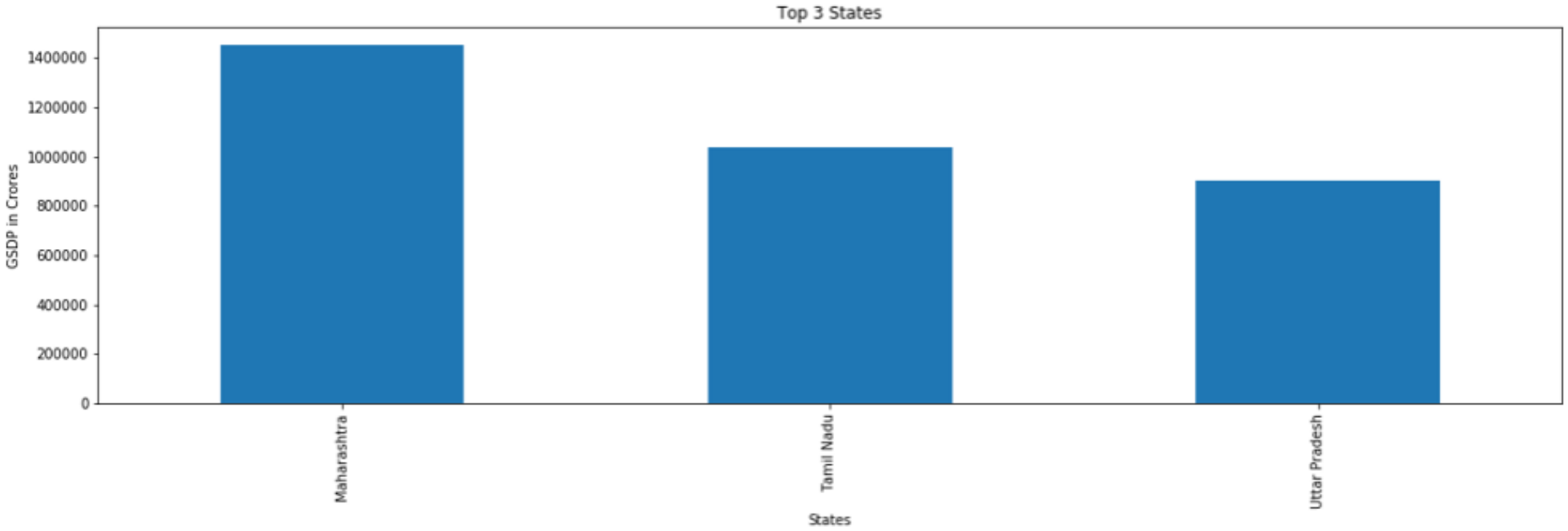
From the Above Graph, comparing Meghalaya & Manipur States, it is observed that Meghalaya has been growing across the years, while Manipur's GDP has been falling.

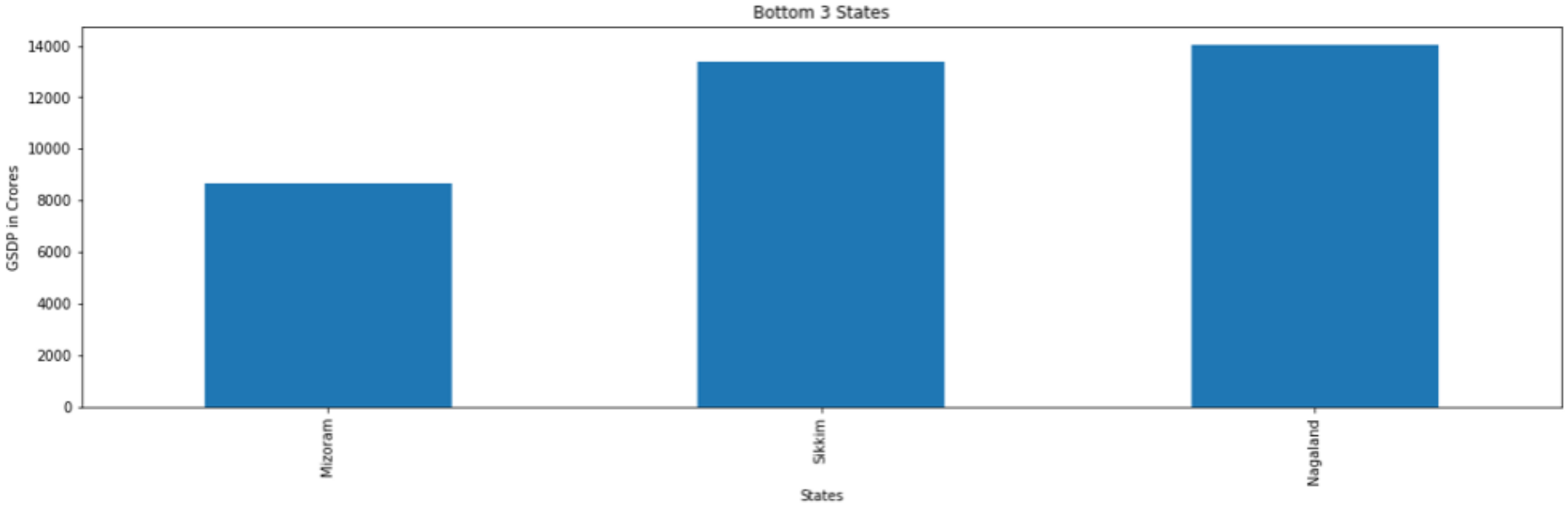
Total GDP of States for 15-16



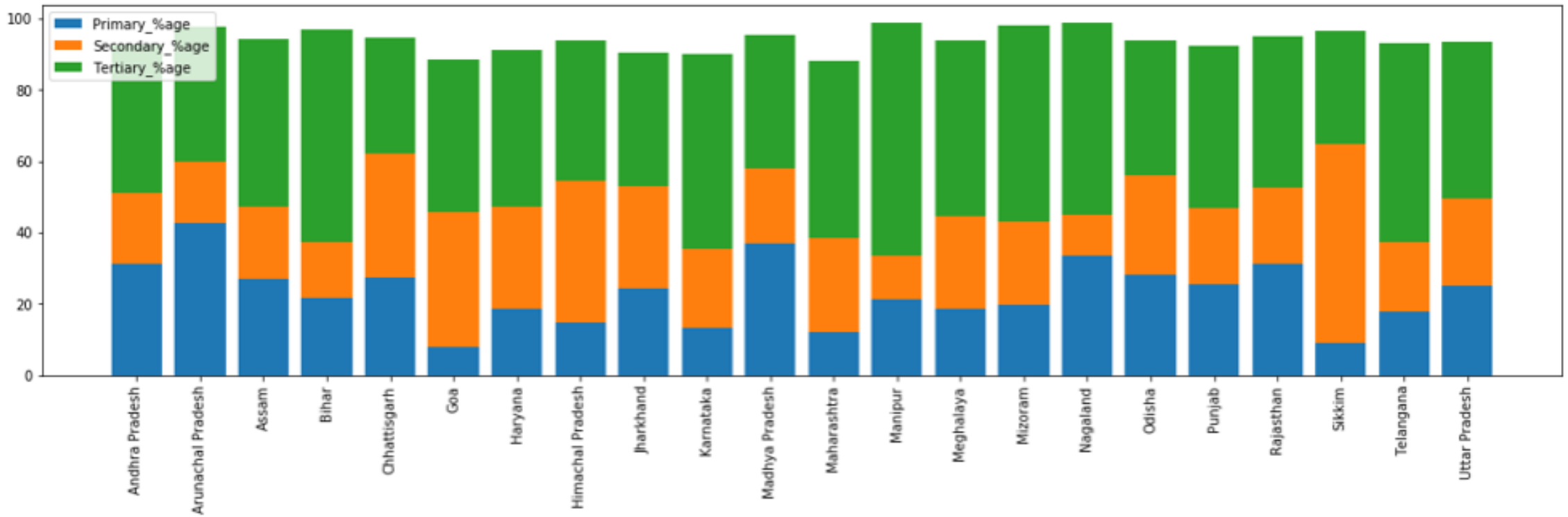
From the following Heatmap, the darker the colour, lower is the GDP of the state for the given year.

Top / Bottom 3 States.

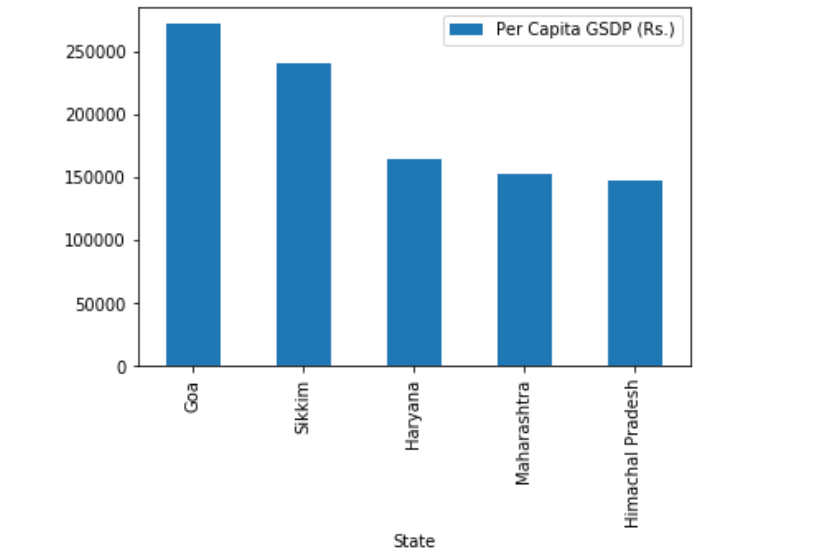


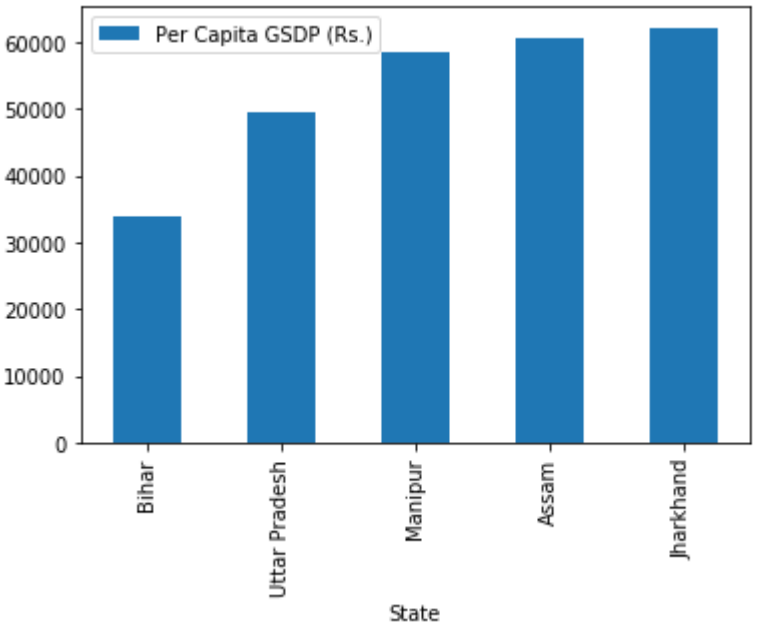


Percentage Contribution of Primary, secondary & Tertiary Sector

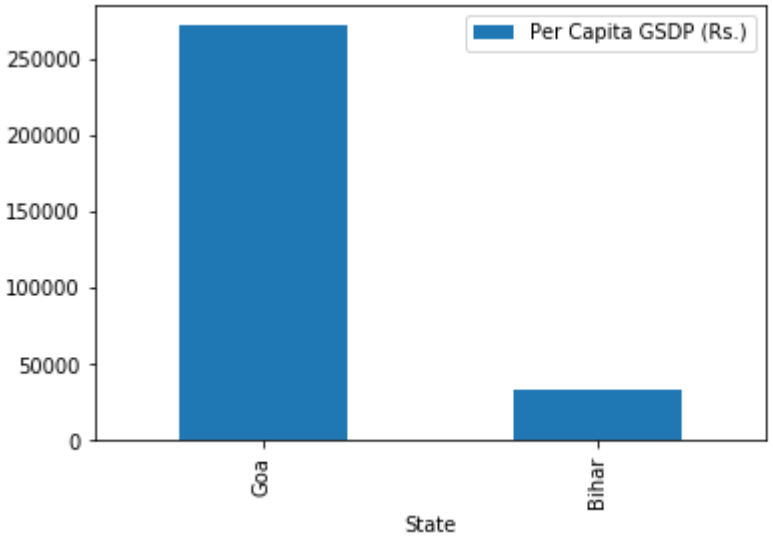


Top 5 /Bottom 5 as per GDP for 2014-15

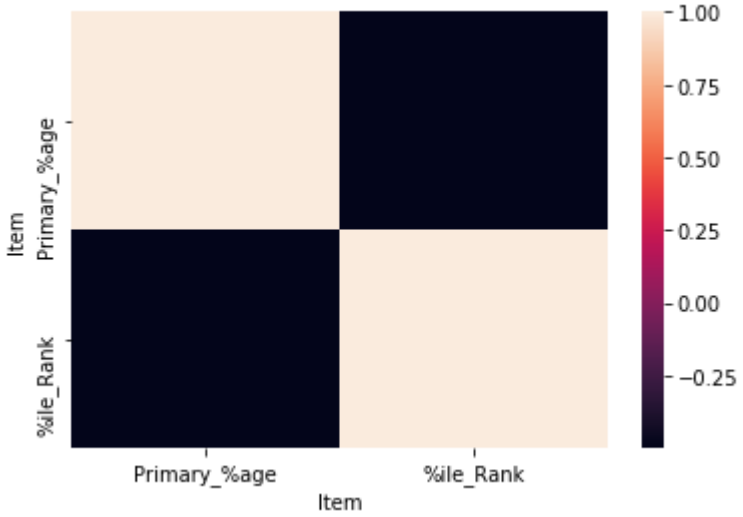




RatRatio of highest to lowest per capita GDP

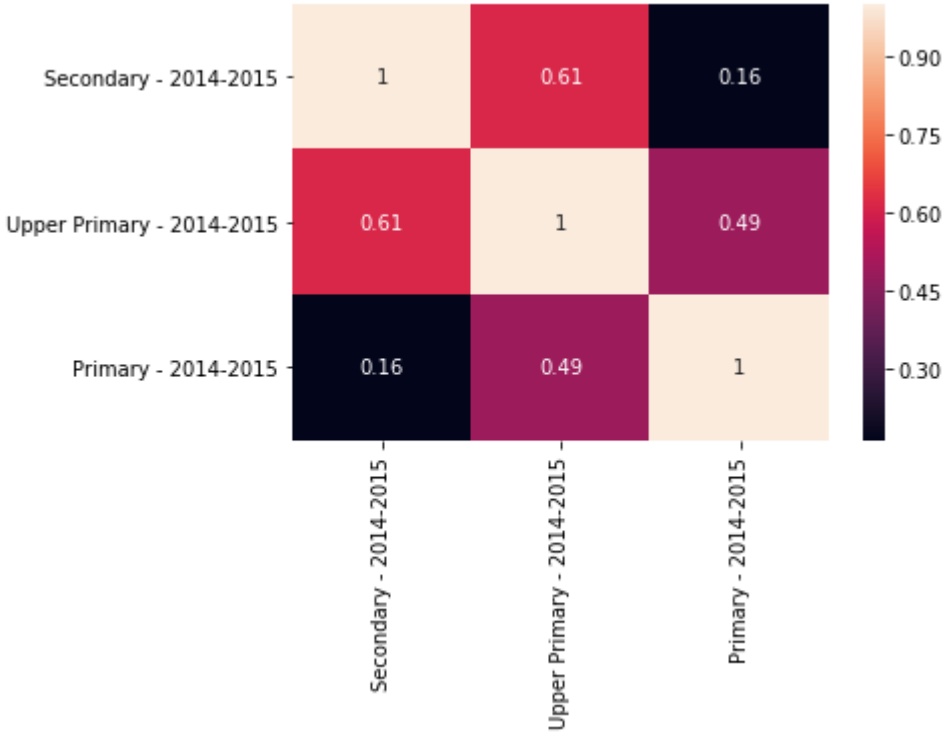


Correlation between GDP & %ile



From the above graph, it can be inferred that as the dropout increases , the Percentile decreases.

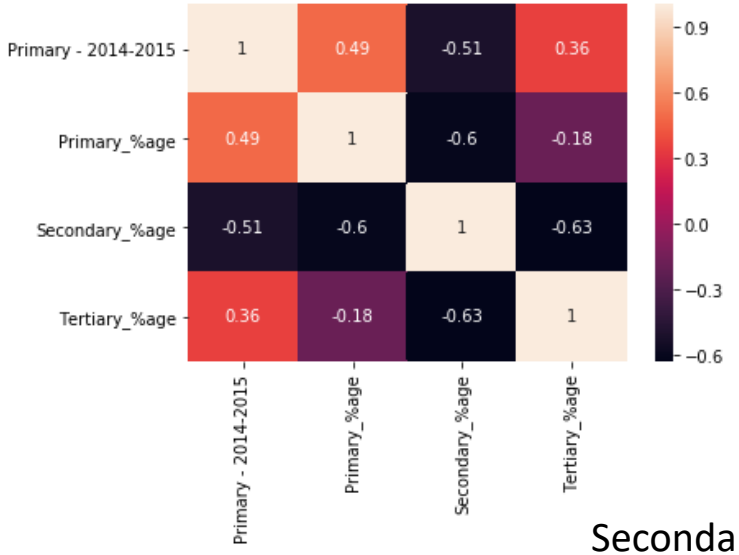
Population Correlation Heatmap



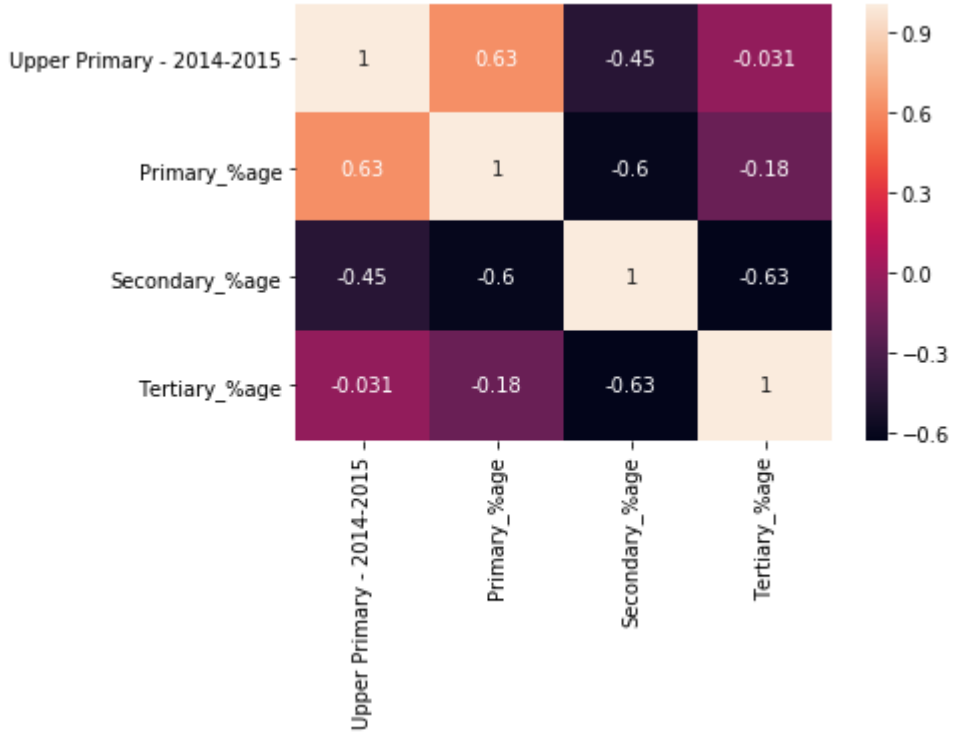
From the above graph, it can be inferred that as the Population increases, the dropout decreases.

Co-Relation Heatmaps

Primary Dropouts



Upper Primary Dropouts



Secondary Dropouts