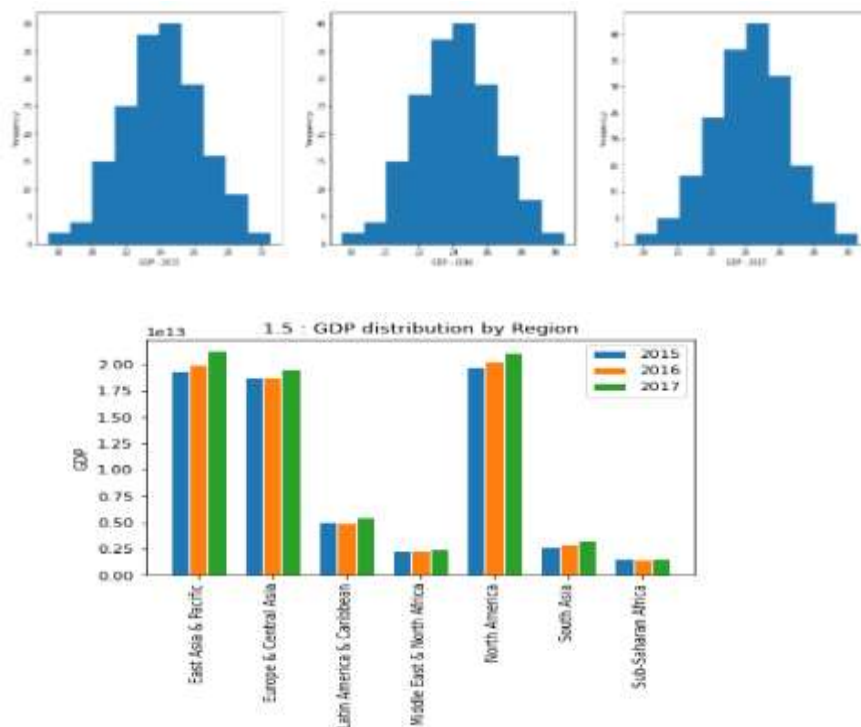


Analysis of Climate change and its effect on GDP of countries 2015-2017

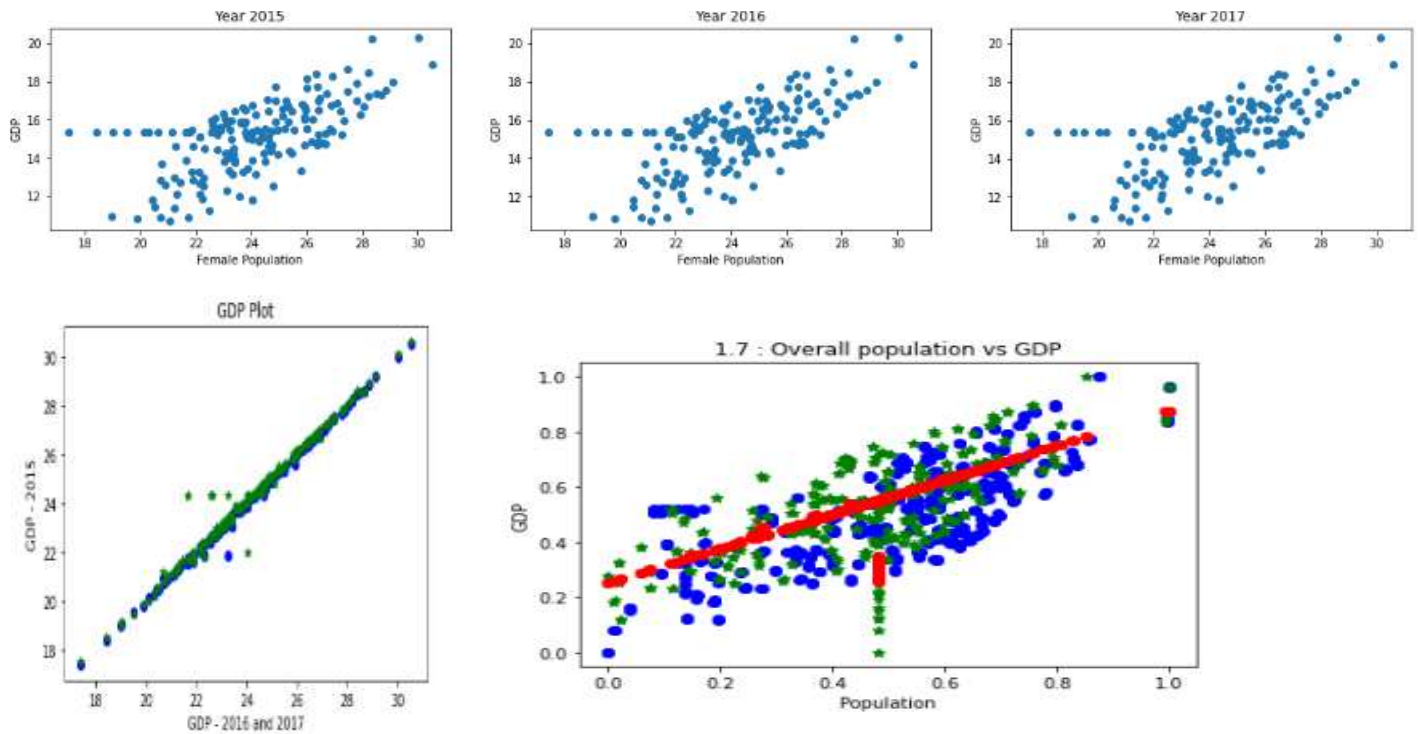
This report is based on the GDP, Total Population, Female Population Percentage and Country which is being mapped between different regions for different countries for period of 2015 - 2017 and the source of data is World Bank API. The World Bank data set is a subset of data extracted from the primary World Bank collection of development indicators, compiled from officially-recognized international sources.

- GDP: Includes GDP data for countries from 2015 to 2017.
- Total Population: Includes Total population data for countries from 2015 to 2017.
- Female_Population_Percentage: Includes female population percentage data for countries from 2015 to 2017.
- Countries: Includes country mapping data.

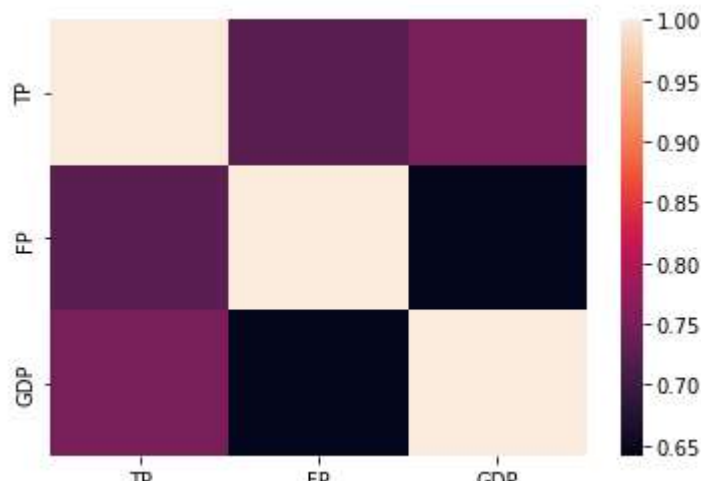
The histograms analysis shows that GDP for all the regions is in incremental way (i.e. $GDP_{2017} > GDP_{2016} > GDP_{2015}$) as well the normalization of data that data is normally distributed which has been analyzed by using the Shapiro-wilks test. GDP of North America and Asian Region is much higher compares with other regions; This is because North America is having The United States and Asian Region is having China which is contributing in the result.



Scatter plots have been chosen to show the distribution which is showing the similar kind for 2015, 2016 and 2017. This happens because the incremental natures of the countries that are performing well are showing the same type of result in consecutive years.



As



We can see that there is strong positive correlation between country's women population and its Gross Domestic Product. Overall population vs GDP we can see linear pattern in the data.