

Analysis on World Bank Dataset for Land Usage

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Course: Applied Data Science 1

GitHub Repo:

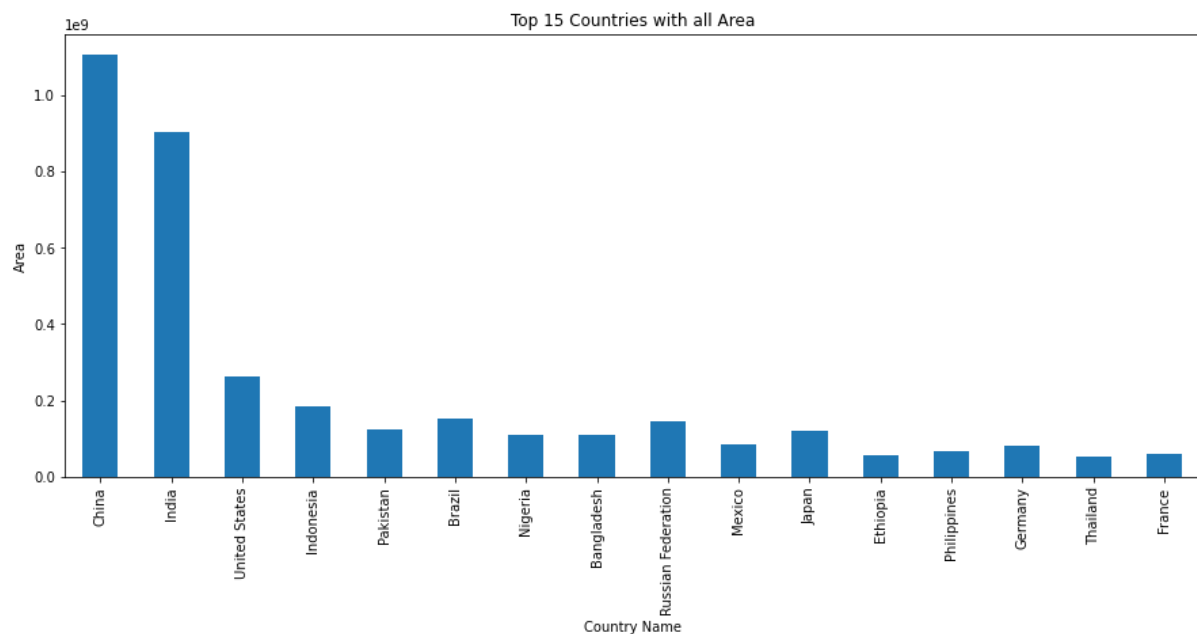
<https://github.com/awaismuhammad1234/ADS1-Assignment-1>

Dataset

Data set that has been used in project is an open source head is available on the World Bank side this data set is related to the different factors of all of the countries in all over the world from 2016 two 2021. And from those factors I used only the factors related to the usage of land for different countries. Those factors include the usage of land for the forest, for agriculture and for arable. Using these factors and the data set available I performed following analysis.

1. Biggest Countries

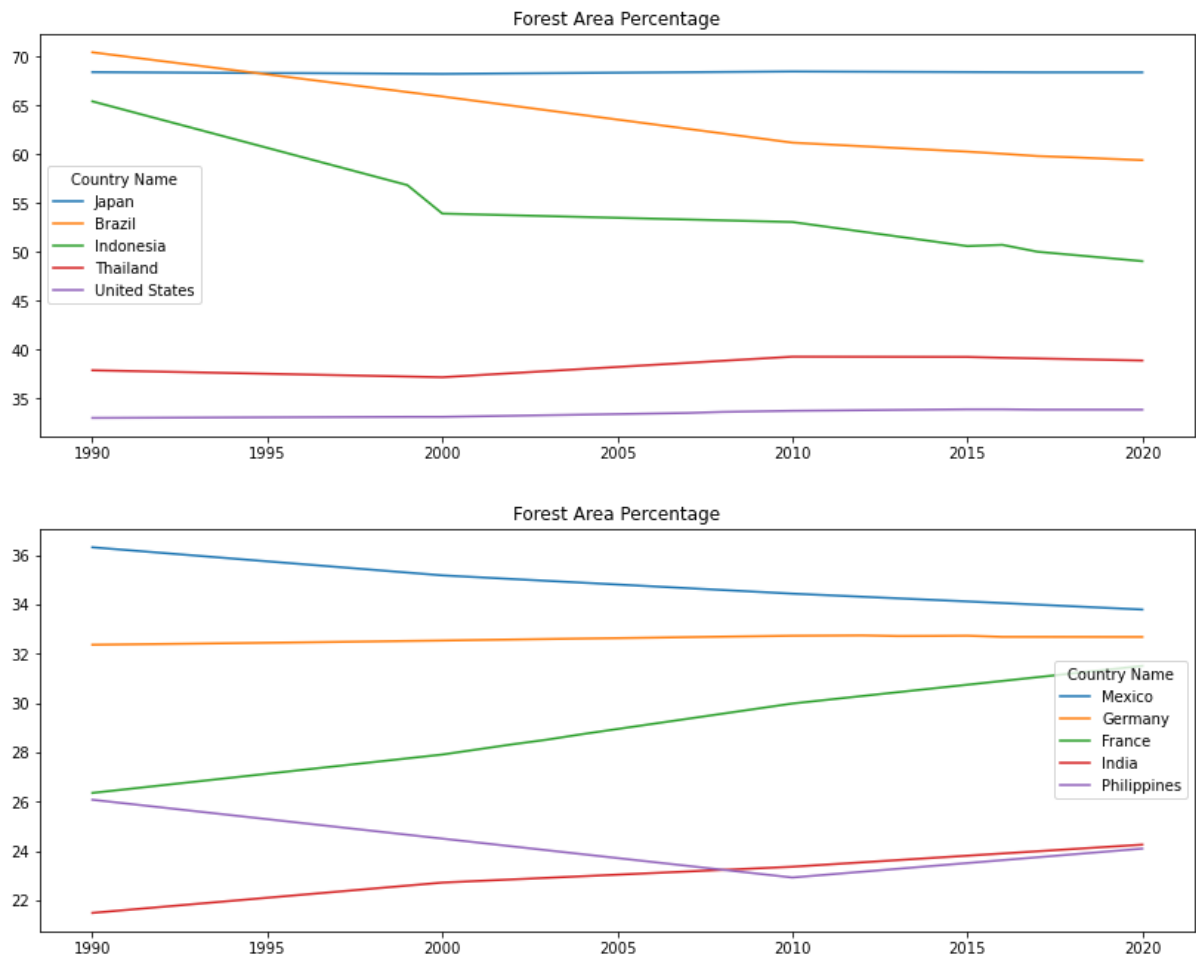
First of all I visualized the country's having highest area in terms of square meter.



This plot is displaying the top 15 countries who has the largest area And we can see that China and India are the leading countries who has the largest area in terms of square meter.

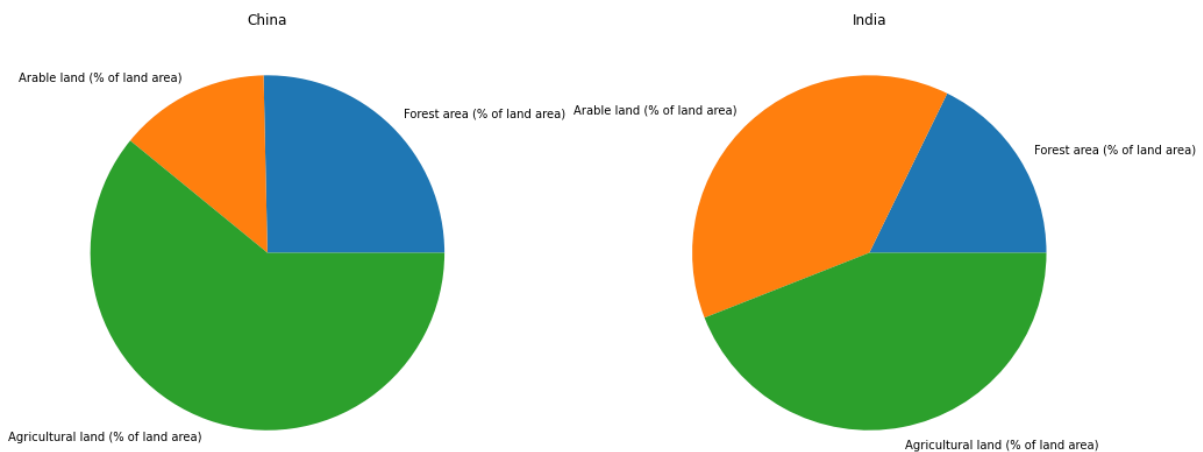
2. Change in Forest Land for top 10 Countries

Then I try to see is there a change being happening in the usage of land for the forest from 1960 to 2023.



From the above graphs we can see that there are some countries in which the cut down of forest is very fast like China, Brazil and Mexico and but still there are some countries that are focusing on the green environment and the land covered by the forest is increasing little by little and those countries are like India, France and Philippines.

3. Usage of Land by 2 Largest Countries



From the above load we can see that China is the leading country in using the agricultural land and almost 70% of their land is being used by the agriculture on the other hand in India it is around 45%. For the agriculture and around 25% for rebel area.

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