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Batch B

ADV Exp 8

Description of dataset used *

Country: The country name.

Year: The year of the data.

Forest_Cover: The total forest cover in square kilometers.

Deforestation_Rate: Annual deforestation rate as a percentage of forest cover.

Reforestation_Rate: Annual reforestation rate as a percentage.

Biodiversity_Index: An index score representing biodiversity, where higher values indicate richer biodiversity.

CO2_Emissions: Carbon dioxide emissions in metric tons.

Population: The population of the country.

Protected_Areas: The percentage of total land designated as protected areas (like national parks and reserves).

Link of dataset used *

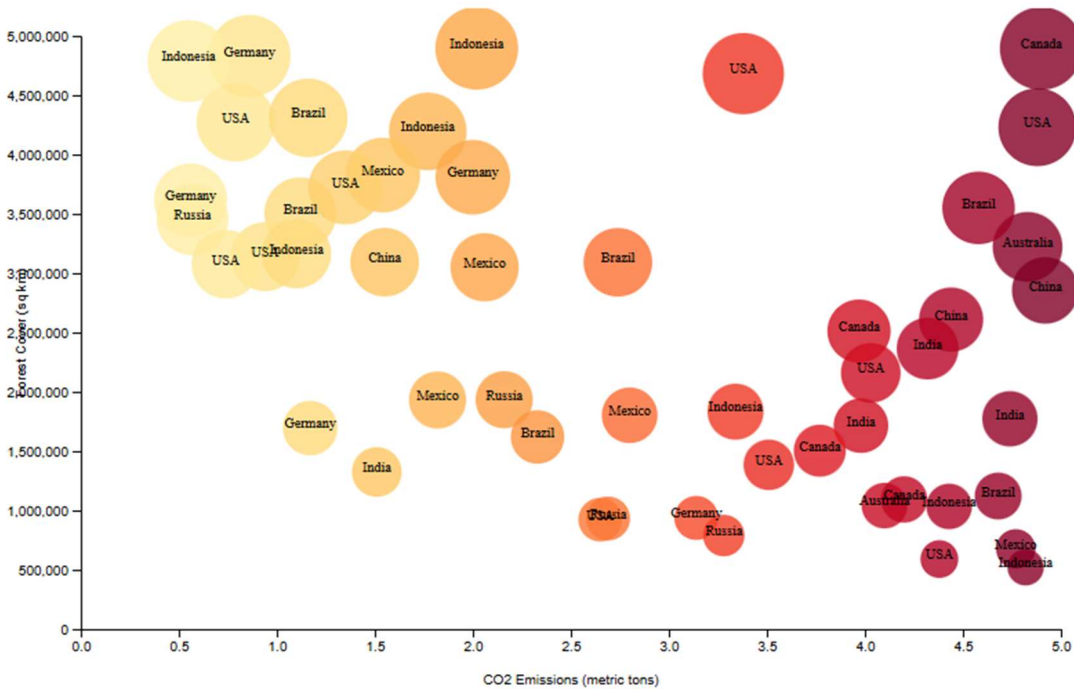
<https://drive.google.com/file/d/1ryb30k00nNviS83wXdQGkNA2AkSGEksP/view?usp=sharing>

Visualizations:

Forest Cover by Country



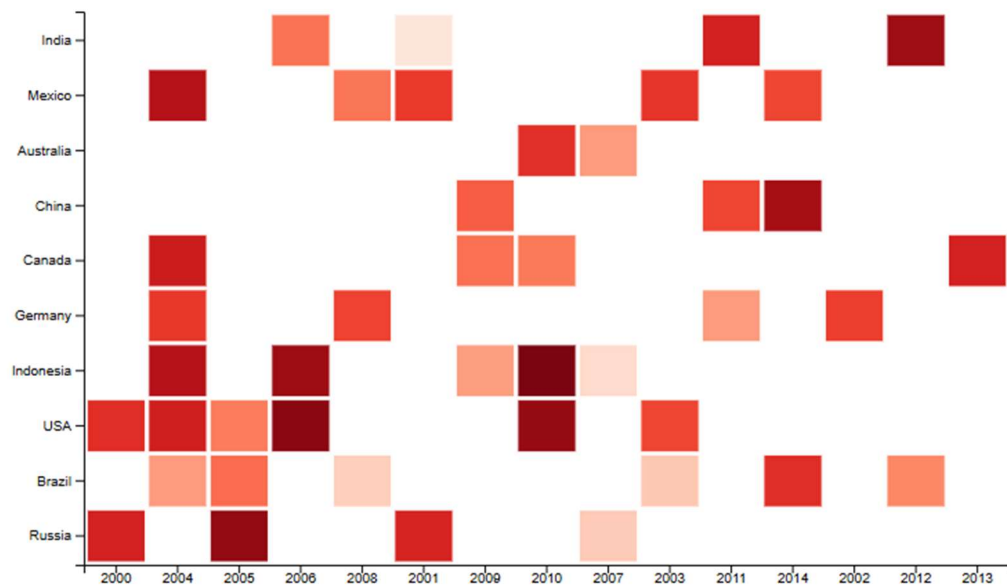
CO2 Emissions vs Forest Cover (Bubble Chart)



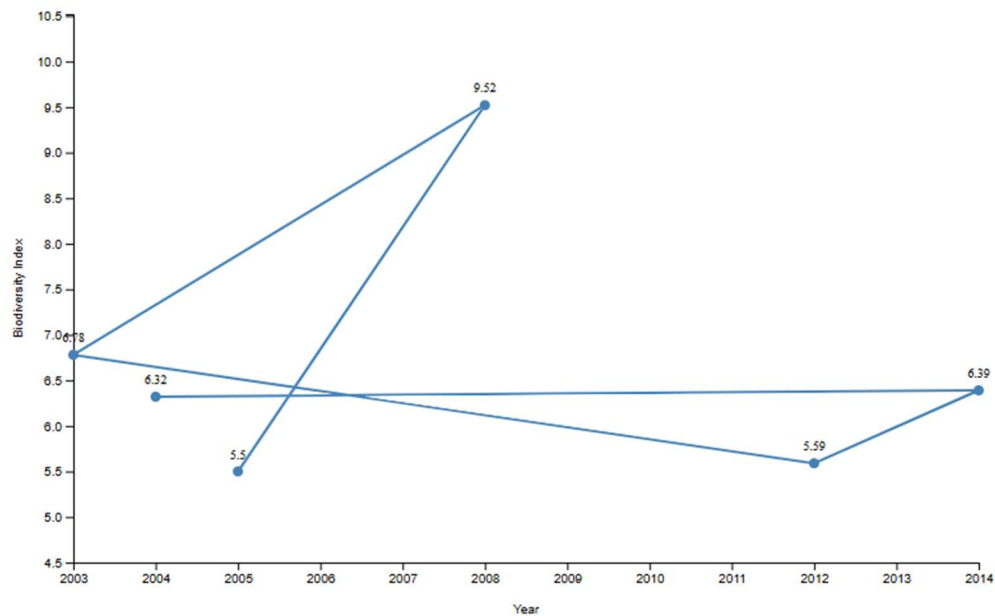
Deforestation Rate Choropleth Map



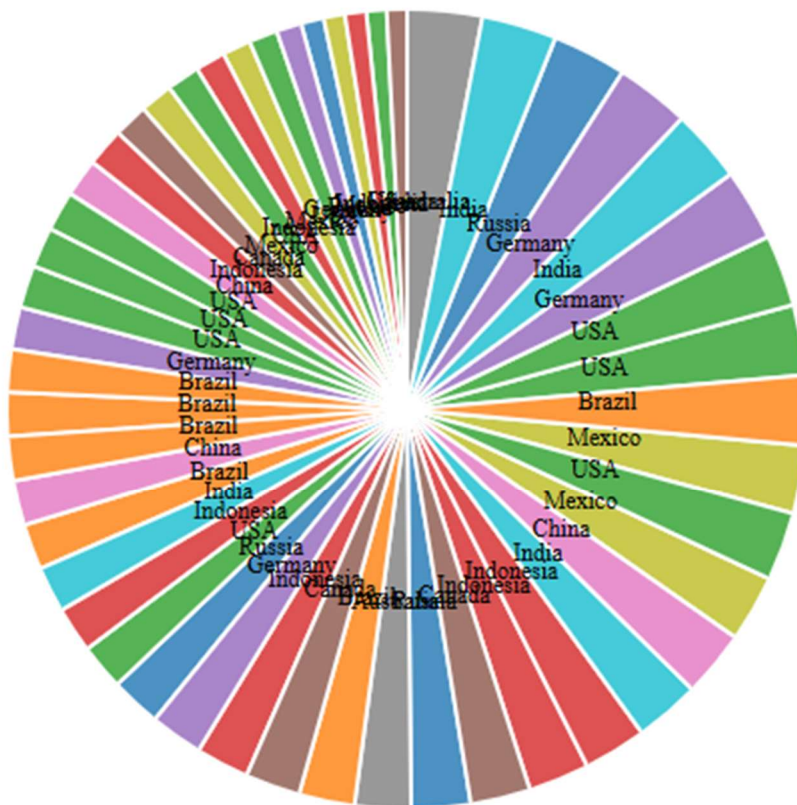
Deforestation Rate Heatmap



Biodiversity Index Over Time for Selected Country



Protected Areas by Country



Deforestation Rate vs CO2 Emissions

