Applied Data Science 1

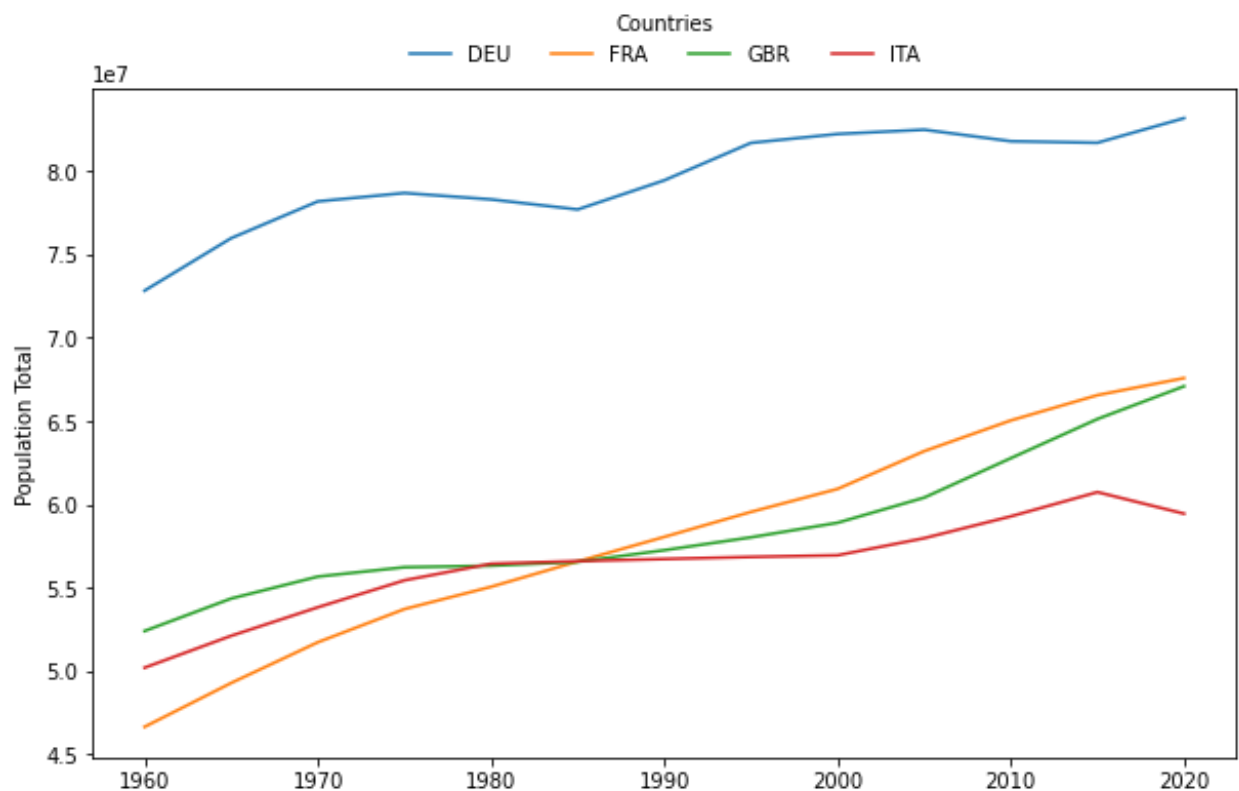Assignment 2   13 December 2023
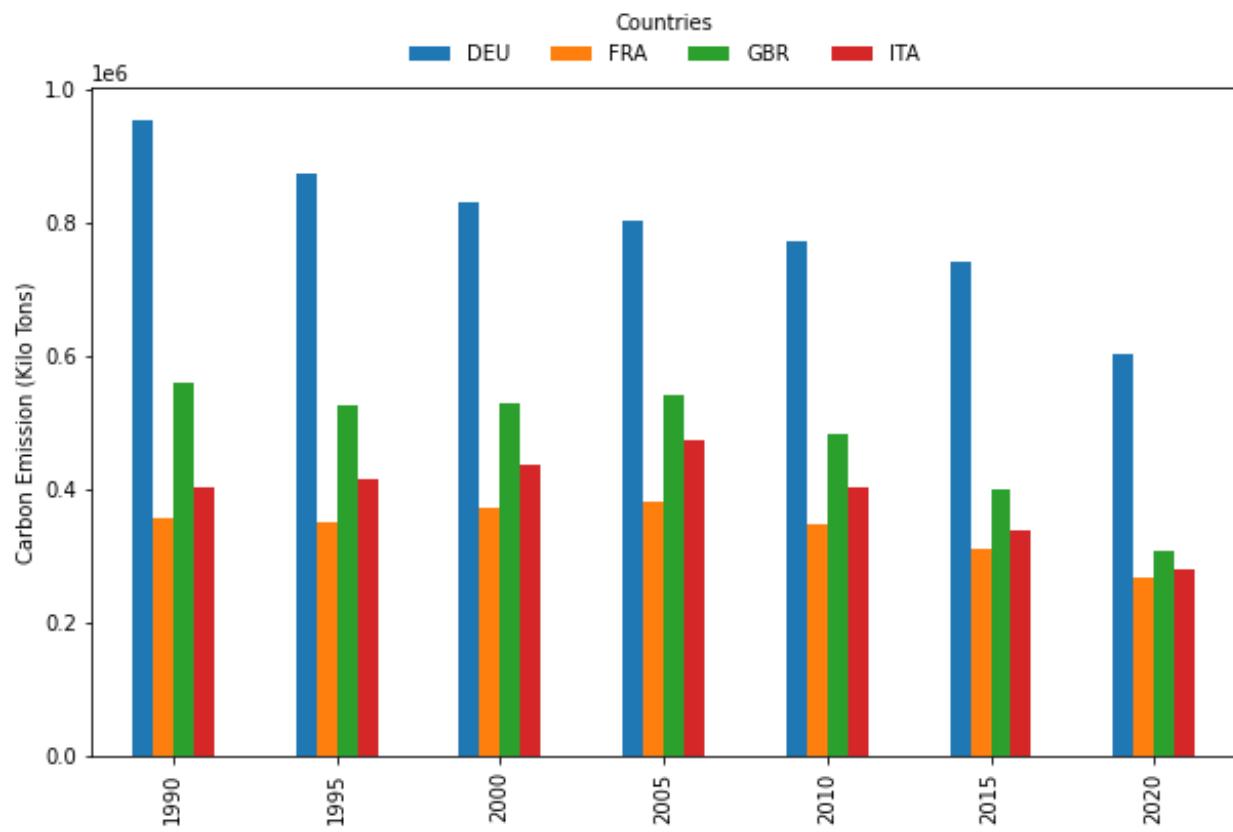
Muhammad Shoaib Manzoor   22038495

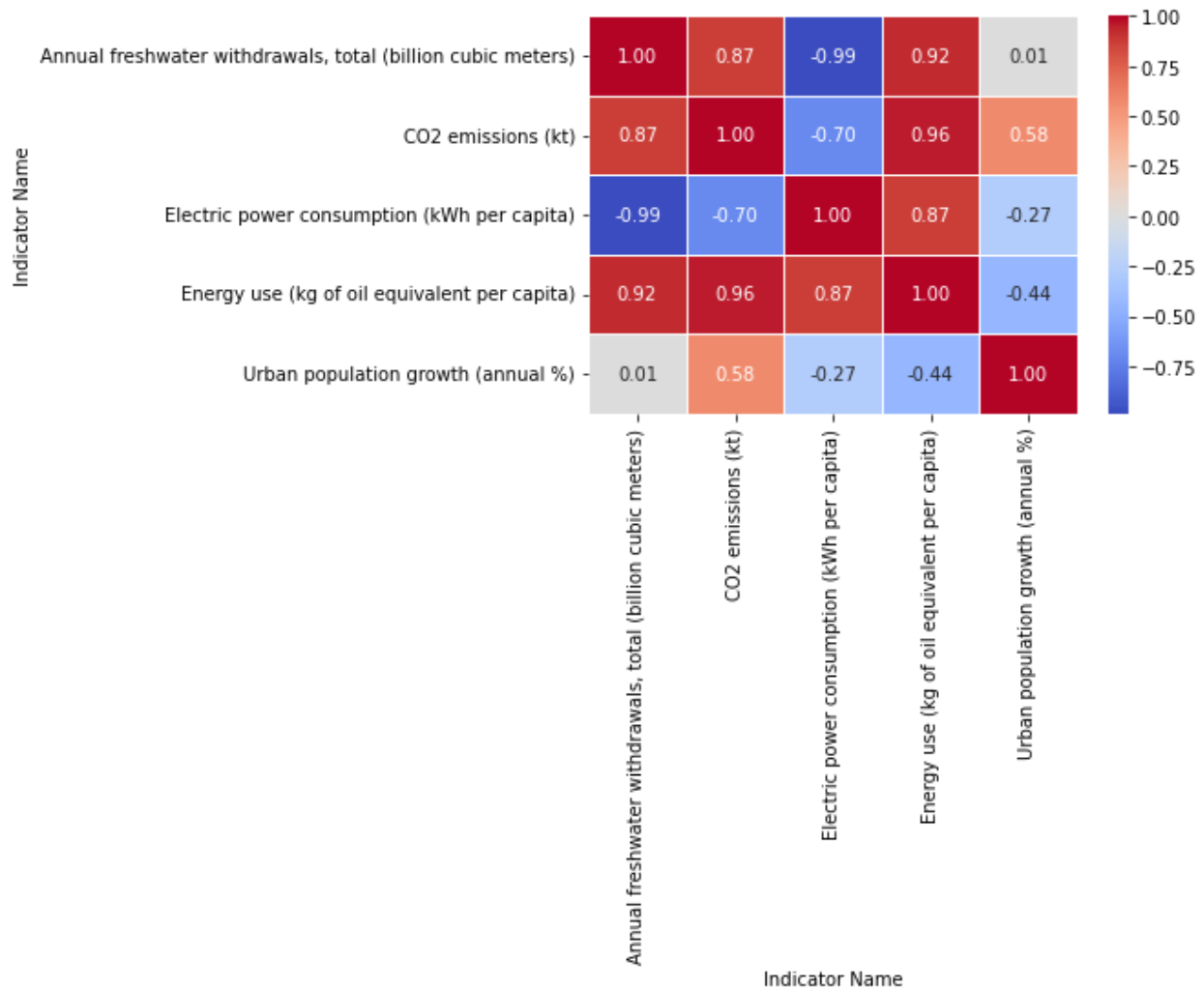Repo Link: https://github.com/MShoaibManzoor/Applied-Data-Science-Assignment-2.git

      The first exhibit shows four countries with nearly parallel numbers of population to verify integrity of the test conducted for the country selected to be verifiable for other similar countries. As seen below:

      Germany holds the lead in population among Italy, France and United Kingdom and has and thus greater carbon emission observed in the country with a steady decline each year due to innovation and implementations of environment friendly technologies, resulting in a decline from above 9 million kilo tons in 1990 to 6 million in 2020.

These technologies can be further explained in the next exhibit.

The above exhibit displays the correlation between the indicators thought to be responsible for carbon emissions within many countries including Germany. One of which is Energy use which shows a strong positive correlation with increase in carbon emissions over the years. Also, the strong negative correlation with electric power consumption indicates the use if innovative technology that resulted in the steady decline from since 1990.