Data Science Laboratory 1

Assignment 2

In this second Assessment we will be exploring statistics and trends in more detail. As before, you are expected to produce a 1 page report conforming to the same guidelines as in Assessment 1.

This time you will be exploring public data from the World Bank, and specifically country-by-country indicators related to climate change: `https://data.worldbank.org/topic/climate-change`. There are a range of indicators relevant to climate change, for example access to electricity, agricultural activity, urban population, etc. Your goal is to:

- Ingest and manipulate the data using pandas DataFrames.

- Explore the statistical properties of a few indicators that are of interest to you, and cross-compare between individual countries and the whole World (you don't have to do all the countries, just a few will do) and produce an appropriate summary statistics.

- Explore and understand any correlations (or not) between indicators (e.g. population growth and energy consumption). Does this vary between country, have any correlations or trends changed with time?

Again, you are expected to use your initiative and 'tell a story' with the data. You should use appropriate visualisation (hint: time series could be useful) and provide a text narrative to communicate and explain your findings.