

Parallel Coordinates Plot folder structure:

→ Dataset:

- The same dataset as used in Assignment-1 was used for PCP.
- “world_bank_development_indicators.csv” is the csv file for the same.

→ Images:

- Contains all the images used in the PCP sub section of the report

→ Codes:

- index.html
- style.css
- app.js
 - (For the PCP web page)
- PCP.ipynb
 - Shows the necessary preprocessing required to make the csv files.
 - Folder also contains the relevant output csv files

STEPS:

- Download Project Files: index.html, style.css, app.js.
- Open index.html in your preferred browser.
- You can do this by doubling-clicking index.html.
- Upload a csv file using the provided input.
- Select 5 attributes to visualize.
- Click “Plot PCP” to view the Parallel Coordinate Plot

Figure number and corresponding csv file:

Fig. 74 ---> co2_all_countries.csv

Fig.75, 76, 77 ---> co2_top_50_countries.csv

Fig.78, 79 ---> co2_top_10_countries.csv

Fig.80 ---> co2_next_30_countries.csv

Attributes that need to be selected for PCP: population, co2 emissions, other greenhouse emissions, country ID & electric power consumption.

*Description of the **csv** files :*

co2_all_countries.csv: list of all countries sorted in decreasing order of CO2 emissions

co2_top_50_countries.csv: top 50 countries from *co2_all_countries.csv*

co2_top_10_countries.csv: top 10 countries from *co2_all_countries.csv*

co2_next_30_countries.csv: next 30 countries after the top 10 countries

country_index_mappings.csv: shows the mapping of country name to country ID as used for the plots