[1]:
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns

import warnings
warnings.filterwarnings("ignore")
```

[2]:
```
df = pd.read_csv("/Users/adityametkar/Downloads/owid_co2_dataset.csv") # Reading CSV file
df
```

[2]:

	country	year	population	cement_co2	co2	coal_co2	energy_per_capita	energy_per_gdp	flaring_co2	gas_co2	land_use_change_co2	me
0	Afghanistan	1975	12773966.0	0.069417	2.121383	0.398689	NaN	NaN	0.303589	0.475500	3.586433	9.7
1	Afghanistan	1976	13059861.0	0.079243	1.980859	0.425024	NaN	NaN	0.293120	0.300448	3.288404	9.9
2	Afghanistan	1977	13340758.0	0.064863	2.384175	0.450672	NaN	NaN	0.381056	0.512960	2.998105	9.7
3	Afghanistan	1978	13611444.0	0.057598	2.153300	0.576226	NaN	NaN	0.282608	0.300959	2.626868	9.7
4	Afghanistan	1979	13655575.0	0.063666	2.232754	0.351744	NaN	NaN	0.267472	0.384720	2.753972	9.5
...	...	...	...	...	...	...	...	...	...	...	...	
10895	Zimbabwe	2020	15526887.0	0.495991	8.490839	4.931744	2163.068359	1.448990	0.000000	NaN	-0.593495	11.3
10896	Zimbabwe	2021	15797220.0	0.542490	10.222778	5.935680	2382.434326	1.497045	0.000000	NaN	2.221227	11.8
10897	Zimbabwe	2022	16069061.0	0.387493	12.231845	7.165461	3633.067383	2.253915	0.000000	NaN	-0.338297	12.6
10898	Zimbabwe	2023	16340829.0	0.387493	13.443295	8.284867	3181.361084	NaN	0.000000	NaN	-1.310063	12.9
10899	Zimbabwe	2024	16634366.0	0.387493	13.701154	8.458947	NaN	NaN	0.000000	NaN	-1.752051	13.3

10900 rows × 20 columns

Data Overview and Assumptions

The dataset contains country-level emissions data for CO_2 and total greenhouse gases.
Missing values are treated as factual (non-reporting) and are not imputed.