

Insight Extraction

Exercise 1

Dataset: unemployment_rate_2010_2023.csv

Tasks:

- Plot trends
- Compute % change

Questions:

- Is unemployment decreasing?
- Who improved most?

Exercise 2

Dataset: gdp_per_capita_eu_2022.csv

Tasks:

- Rank countries
- Find top/bottom
- Compute difference between each pair of two neighbor countries

Questions:

- What is the greatest gap between two neighbor countries?

Exercise 3

Dataset: energy_consumption_by_sector_2022.csv

Tasks:

- Bar chart
- Compare sectors

Questions:

- Which sectors dominate?

Exercise 4

Dataset: population_age_structure_2023.csv

Tasks:

- Compute % elderly
- Compare countries

Questions:

- Who is aging most?

Exercise 5

Dataset: air_passengers_index_2015_2023.csv

Tasks:

- Plot series
- Find anomalies

Questions:

- Which year is anomalous?