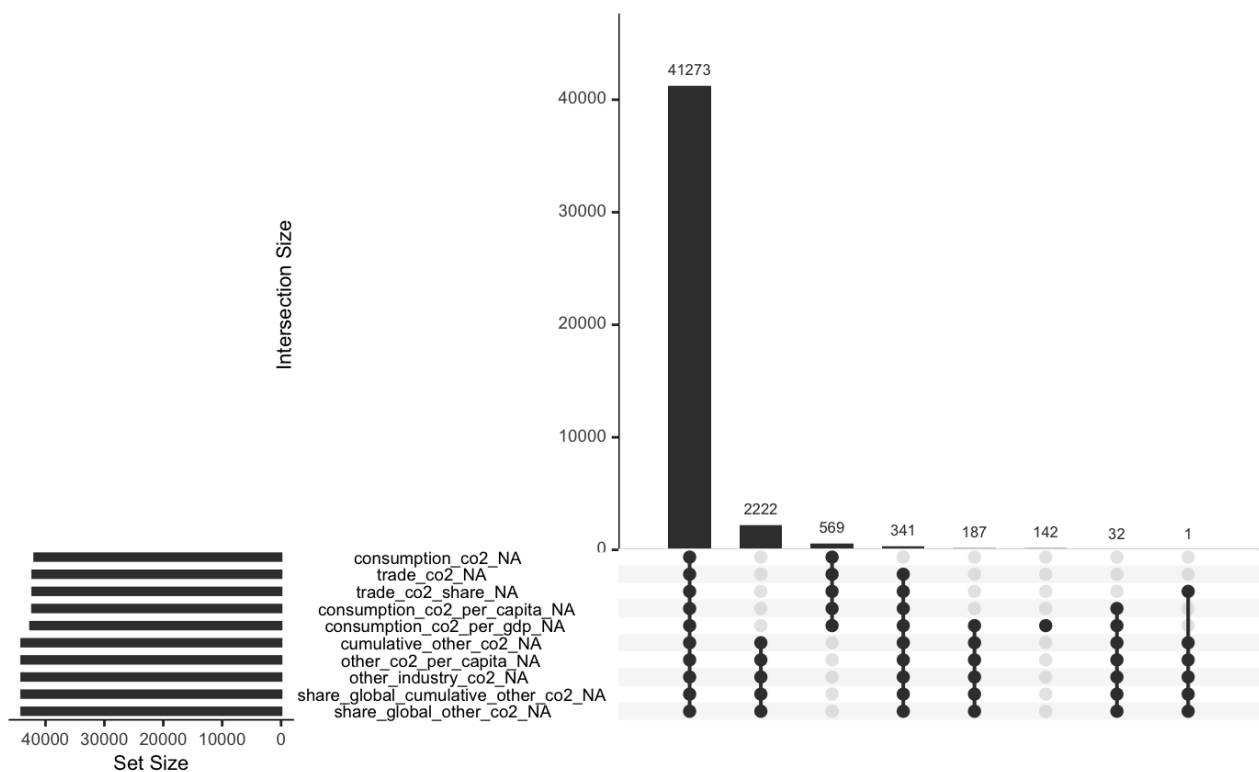


Data Quantity

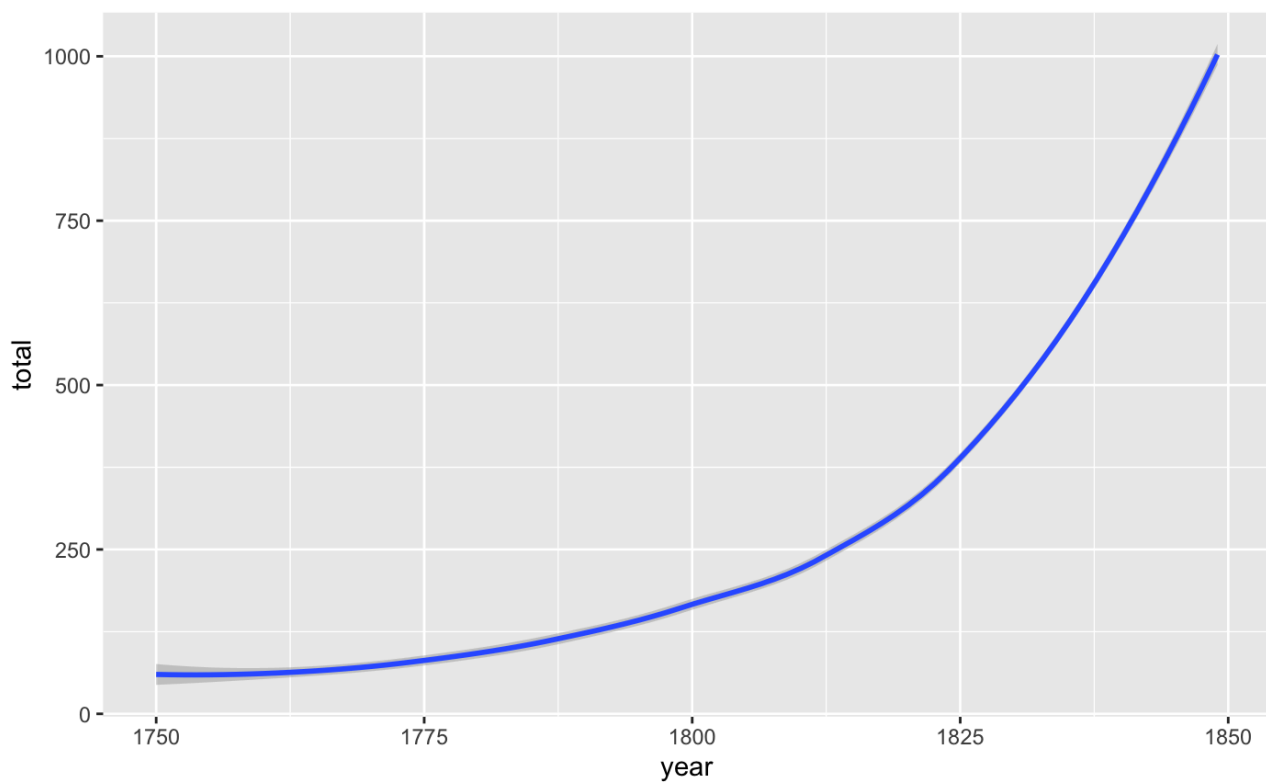
- Data format: CSV file(Also available in XLSX)
- Data source: CO2 and Greenhouse Gas Emissions dataset is a collection of key metrics maintained by *Our World in Data*. Available on GitHub
- Scale: 79 columns(variables), 46442 rows(observations)
- Codebook: provided in the codebook.csv file

Data Quality

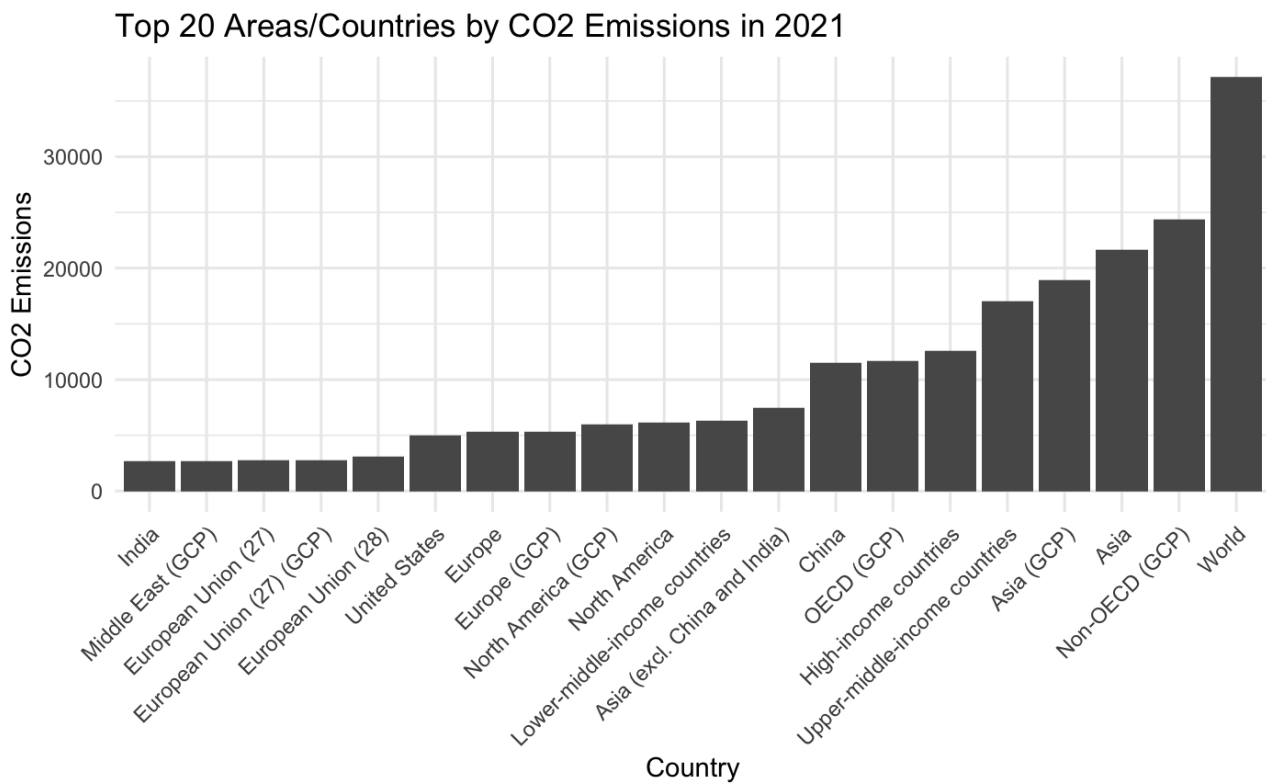
- Relevant to the business question: population, GDP, detailed information for CO2, Methane, and GHG of each country from 1851 to 2021
- Data type: both quantitative and qualitative
- Key attributes and insights



(Fig 2. Counting NAs for data cleaning)



(Fig 2. The trends of total co2 emission by year)



(Fig 3. Top 20 Areas/Countries by CO2 Emissions in 2021)