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**ETL Project Proposal**

**Sources**

[**FAOSTAT**](http://www.fao.org/faostat/en/#data/GN)

Energy emissions - CO2 and CO2 equivalents

By country

1970-2012

Cleaning:

Drop code columns (Year Code, Element Code, Domain Code) - Drop

Aggregate regions (China, Ethiopia) - used .replace function

Drop currently non-existent countries (USSR,Yugoslav)

Change Column headers to omit special characters and replace with underscores

[**Energy**](https://ourworldindata.org/energy)

Energy consumption by source and region

By country

1965-2018

Cleaning:

Drop currently non existent countries (USSR)

Drop total world values

Renaming “Entity” column to country so we can join

Drop country code column

**Transformations**

Joining two tables on country in SQL using pgAdmin to examine possible correlations between CO2 emissions and sources of energy consumption between countries