

Climate change since 1750

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Project description

- In this project, We tend to present the trend of Climate change recently(Since 1750) in different area/country.
- Questions we intend to answer:
 - How the average temperature changed in United Stated since 1750?
 - Is Global Warming a fact or fiction?
 - Is temperature rising a global phenomenon or it only happens in certain area?

Prior works

- Data extraction

First thing to do is extract data from original source and store them.

- Data cleaning

Find the errors in data set.

- Data integration

For some of our interested question, we have to compare data between different area in certain area.

Data Sets

- **Climate Change: Earth Surface Temperature Data** Exploring global temperatures since 1750

<https://www.kaggle.com/berkeleyearth/climate-change-earth-surface-temperature-data>

Tools

- SQL
- Matlab
- Weka
- Python
- Excel

Evaluation

- If our data is precise and sorted nicely
- Credibility
- Is our data useful to examine the question we are interested in and Could our data provide the answer to the questions