

### **Potential Topic: Respiratory Health and Air Pollution**

- Maybe investigating factors that have strong influence on respiratory health in places with different air quality, pollutants, industries, etc.
- **Datasets:**
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- **Different Methods of Analysis:**
  - Hypothesis Testing
  - Linear Regression
  - Data visualization (geographically across an area, over time, or for different groups)

### **Potential Topic: Suicide Rates over time and by country**

- [This dataset](#) has global data on suicide rates from 1985 - 2016
- [Similar dataset](#) has data on amount of relevant human resources such as psychiatrists, psychologists, social workers
- Aggregate data by age group, by country, by sex, population, and GDP by year

### **Potential Topic: Cardiovascular Disease**

- Data: <https://www.kaggle.com/sulianova/cardiovascular-disease-dataset>

Potential Topic: World Vaccination Progress:

- <https://www.kaggle.com/gpreda/covid-world-vaccination-progress>

General COVID data: <https://www.kaggle.com/datasets?topic=covidDataset>

NIPS 2020: <https://www.kaggle.com/kimjihoo/coronavirusdataset>

Wine Reviews: <https://www.kaggle.com/zynicide/wine-reviews>

Opioid prescription/overdose data: <https://www.kaggle.com/apryor6/us-opiate-prescriptions>

### **Climate Change News Snippets from 4 major news networks from 2009-2020:**

<https://blog.gdeltproject.org/four-massive-datasets-charting-the-global-climate-change-news-narrative-2009-2020/>

COVID in media datasets:

<https://blog.gdeltproject.org/quantifying-the-covid-19-public-health-media-narrative-through-tv-radio-news-analysis/>

COVID Death Data (Europe): <https://reshare.ukdataservice.ac.uk/854380/>

COVID Model Predictions (Our world in data)

<https://ourworldindata.org/covid-models#institute-for-health-metrics-and-evaluation-ihme>