# Project 1 – Exploring COVID Rates

## Part 1 – Data Curation/Management

In this project, you will explore relationships between various World Bank indicators for countries and their corresponding COVID rates.

**Part 1 – Create a data set.** First you need to download data on COVID-19 (see links below) and at least 10 indicators from the Open World Bank data available at <https://data.worldbank.org>.

COVID data sets

1. <https://github.com/CSSEGISandData/COVID-19/tree/master/csse_covid_19_data/csse_covid_19_time_series>
2. <https://coviddata.github.io/coviddata/#csvs>

World Bank Links

1. Development Indicators. <https://databank.worldbank.org/source/world-development-indicators>
2. COVID policy responses. <https://datacatalog.worldbank.org/dataset/covid-19-finance-sector-related-policy-responses>
3. Any other data available data set.

**Deliverables.** To complete this part of the project, you need to submit the following.

1. A 1-page essay explaining your data curation decisions (e.g., which variables/data set you included).
2. A link to a notebook that contains all of your data management code. To goal is to use pandas + dfply to automate all data management tasks (including inspecting and cleaning the data), preferably in as few pipes as necessary.
3. A csv file containing your final dataset.