Title: A Data Visualisation of Covid Cases’ Effects and Responses by Continent

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Problem statement:

Using Our World in Data for Covid-19 dataset, we are creating a visualisation comparing each continents’ total cases, population deaths and vaccination to its policy responses (face covering, stay at home order and international/domestic travel) at specific time and location (continent).

Data wrangling and analysis process:

1. Fetch data as csv from <https://ourworldindata.org/coronavirus>
2. Fetch data and clean for longitude and latitude data for countries from <https://www.kaggle.com/datasets/paultimothymooney/latitude-and-longitude-for-every-country-and-state>
3. Clean data by python
4. Upload to database – SQL/MongoDB
5. Fetch data from database to create visualisation

Data visualisation Process

Data sorted by dates and continents to include the following:

1. First half: Interactive graph of total population, total case, total deaths, total vaccinations
2. Second half: Interactive map with 3 overlays – for face covering, stay at home order and international/domestic travel