**Project title**

Impact of recent disease outbreaks on flights

**Team members**

* Ryan Ashcraft (in charge of repository)
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**Project description/outline**

Impact of current epidemics on US and worldwide flights

**Research question to Answer**

* Which is the deadliest? (Total count, highest mortality rate, location, # of countries, etc)
* Diseases impact on international and/or domestic travels: Flights, cruises, hotel bookings, etc.

**Datasets to be used**

1. Epidemics data:
   * CDC: <https://open.cdc.gov/data.html>

<https://emergency.cdc.gov/recentincidents/index.asp>

* + Johns Hopkins: <https://github.com/CSSEGISandData/COVID-19>
  + Harvard: <https://dataverse.harvard.edu/dataverse/mit>
  + SARS: <https://www.who.int/csr/sars/country/en/>
  + WHO: <https://www.who.int/csr/sars/country/en/>

1. Travel:
   * United Airlines: <https://data.world/adamhelsinger/united-airlines-data>
   * Flight Data: <https://rapidapi.com/Travelpayouts/api/flight-data>

**Rough breakdowns of tasks**

* Decide Four diseases to be compared with COVID19: Ebola (V), Swine (L), SARS (R), MERS (M)
* Review data domestic/international flights
* COVID19 dataset review
* Check consistency of data to be used and results