**COVID-19 Vaccination Effectiveness**

**Team Members**

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**Project Description**

In this project, we will look at how effective the COVID-19 vaccinations were on factors such as hospitalisations, confirmed cases and mortality rates.

**Research Questions to Answer**

1. How have COVID-19 vaccines affected? (world comparison)
   1. Australia: New Cases vs New Deaths
   2. Australia, Israel & Sweden: ICU patient admissions, confirmed cases and mortality rates?
2. Does a difference in healthcare expenditure affect COVID-19 cases (using WorldBank API)
   1. first world
   2. second world
   3. third world
3. Australia: Was vaccination effective?
4. How effective was using different vaccines?
   1. Israel (Pfizer only)
   2. China (SinoVac, SinoPharm)
   3. Australia (AstraZ, Moderna & Pfizer)

**Dataset To Be Used.**

https://github.com/owid/covid-19-data/blob/master/public/data/owid-covid-codebook.csv

https://datahelpdesk.worldbank.org/knowledgebase/topics/125589-developer-information

**Rough Breakdown of Tasks**

* Collect data
* Cleaning data
* Graphing data
* Merging
* Summarisation
* PowerPoint
* Submitting documentation

**Allocation Of Questions**

Geoffrey – 4 & 5

John – 1 & 3

Cayley – 2