**Project Topic: Coronavirus Vaccination Dashboard**

**1.0 Project Aim:**

The aim of this project is to develop an interactive coronavirus vaccination data dashboard that provides a visualisation of public health metrics. The primary goal is to facilitate the understanding of complex health data and to present this data in an easy to comprehend format for researchers, policymakers, and the public.

* 1. **Research Questions**

The following research questions are developed to guide the realisation of this project.

* Is there a correlation between the rate of vaccinations and the decrease in new cases and deaths overtime?
* How does total cases and deaths correlate with GDP per capita across various locations?
* How do other health factors corelate with total cases and deaths?
* Is there a correlation between the number of cases and stringency measure?
* How much vaccines have been administered in the last 24 months?
* How does age correlate with vaccine administration in various locations?
* Is there a correlation between the vaccine type and total death?
  1. **Data source**

The dataset for this project would be collected from ourworldindata.org. The rationale for choosing this dataset stems from the idea that the dataset uses the most recent official numbers from government and health ministries worldwide. See the reference for link to the dataset.

* 1. **Roles and responsibility**
* Yasar Sabir – Project proposal document
* Savina Boateng - \*\*\*
* Zeeshan Karim – Data cleaning
* Ifa Nira - \*\*\*
* Beauty Ojimah - \*\*\*

**Reference**

Edouard Mathieu, Hannah Ritchie, Lucas Rodés-Guirao, Cameron Appel, Charlie Giattino, Joe Hasell, Bobbie Macdonald, Saloni Dattani, Diana Beltekian, Esteban Ortiz-Ospina and Max Roser (2020) - "Coronavirus Pandemic (COVID-19)". Published online at OurWorldInData.org. Retrieved from: 'https://ourworldindata.org/coronavirus' [Online Resource]