**Name : CFG Project**

**Course: Data specialisation Homework Week 2**

**Project Instructor : Andreea**

**PROJECT TEAM MEMBERS**

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| --- | --- | --- |
|  | **Names** | **Github usernames** |
| 1. | Chang Xu(Jane) |  |
| 2. | Chiratidzo Matowe | Chiratidzo Matowe |
| 3. | Pelumi Oluboye | Oluboye123 |
| 4. | Sophie Burroughs | sophieburroughs |
| 5. | Moureen Caroline Ochieng | Jadamoureen |
| 6. | Anna Lisowska | pocztowkiani |

**What kind of data research and analysis are you going to take on?**

* Descriptive and predictive
* Plots of infection rates and death rates across countries
* Plots of vaccination rates across countries
* Machine learning

**What industry or areas does it cover?**

Health care / every industry

**What questions are you planning to answer?**

* - Covid 19, infection rate and death rate across countries
* - Vaccination rate across countries and affect of this on death rate and infection rate
* - What  age ranges and genders were most affected?
* - Predictions of how covid impact in certain area  ( UKI)  **Machine Learning**
* **-** Vaccination rate on economy

**What data set we are using?**

* Clean this data before using for analysis

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| **Api link** | **A descriptions** |
| <https://ourworldindata.org/coronavirus-source-data> | Deaths, cases, vaccination rates, hospitalisation |
| <https://www.kaggle.com/datasets/varpit94/latest-covid19-data-updated-till-22june2021> |  |
| <https://www.who.int/data/gho/info/athena-api> | General global health data |
| <https://data.world/datasets/covid-19> | 57 covid 19 datasets |

**Describe the team approach to the project work: how are you planning to distribute the workload, how are you managing your code, how are you planning to work on your project?**

* Manage code on Github repository
* Distribute workload via Jira:
  + We will break each task into the smallest parts and then add them as sprints on Jira and add roles for each person. Using the Scrum method. We will do weekly meetings to see how everyone is getting on with their tasks.
  + Using the Agile work method - reviewing and getting feedback from each team member as we go along.
* We can also use Google collab.
* Descriptions of analytics typed up on Google doc.