The cause and factors of cardiovascular disease

Team Members - Divya, Anthony Elbers, Shebo, Steve, Brett

## Project Description / Outline

To discover the relationship and trends of cardiovascular disease with the different variables such as: age, smoking status, glucose level, physical activity, medical history, genetics, obesity.

focus on global audience.

## Research question to answer

* Risk factors for cardiovascular disease
* What are the correlations between the variables and cardiovascular disease?
* What is the percentage between gender and cardiovascular disease?

## Datasets to be used

<https://www.kaggle.com/sulianova/cardiovascular-disease-dataset>

<https://www.kaggle.com/aiaiaidavid/cardio-data-dv13032020>

Things to do:

collect data relating to income datasets of cardiovascular disease

## Rough breakdown of task

1. Collect data
2. Email corresponding parties for the collection of data
3. Read the recent articles and complications relating the topic
4. Clean data
5. Discover trends and relationships
6. Visualisations, correlation regressions etc.

## Validations

Observations – Males are more likely to have cardiovascular disease than female

Smokers more likely to get cardiovascular

Age

Cholesterol

Diabetes

Diet & Nutrition

Obesity

Physical activity