**Cardiovascular Risk Assessment**

**Summary:**

This project will aim to create a cardiovascular disease risk assessment tool for adults.

**Dataset:**

The dataset is sourced from the CDC based on a survey of 60,000 plus individuals across the US, constituting 22 columns or features.

We have demographic information such as age, income, ethnicity, etc. as well as medical information with details on heart attack/ stroke, kidney failures, diabetes, and more.

This presents an opportunity to develop a self-risk assessment tool to determine the risk of developing cardiovascular disease based on our individual situation.

**Project Goal:**

The goal is to check the accuracy of different prediction models such as Logistic Regression, Random Forest, and more, and explore opportunities to maximize the model's accuracy.

**Links:**

<https://github.com/mrwyattii/NHANES-Downloader/tree/master>

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Demographics>