**Cardiovascular Disease**

The dataset consists of 70 000 records of patients data in 12 features, such as age, gender, systolic blood pressure, diastolic blood pressure, and etc. All of the dataset values were collected at the moment of medical examination.

**Data description**

There are 3 types of input features:

Objective: factual information;

Examination: results of medical examination;

Subjective: information given by the patient.

**Source:**

[**https://www.kaggle.com/sulianova/cardiovascular-disease-dataset/download**](https://www.kaggle.com/sulianova/cardiovascular-disease-dataset/download)

**Features:**

1. Age | Objective Feature | age | int (days)
2. Height | Objective Feature | height | int (cm) |
3. Weight | Objective Feature | weight | float (kg) |
4. Gender | Objective Feature | gender | categorical code |
5. Systolic blood pressure | Examination Feature | ap\_hi | int |
6. Diastolic blood pressure | Examination Feature | ap\_lo | int |
7. Cholesterol | Examination Feature | cholesterol | 1: normal, 2: above normal, 3: well above normal |
8. Glucose | Examination Feature | gluc | 1: normal, 2: above normal, 3: well above normal |
9. Smoking | Subjective Feature | smoke | binary |
10. Alcohol intake | Subjective Feature | alco | binary |
11. Physical activity | Subjective Feature | active | binary |
12. Presence or absence of cardiovascular disease | Target Variable | cardio | binary |

**Tools:**

* Jupyter (pandas, numpy, matplotlib)

**Questions:**

1. The static of number of numbers of smokers and non-smoker?
2. Which gender is more smoking? give solution in presentation.
3. The relationship between age and smoker and non-smoker along with cardiovascular disease?
4. See who more active smoker or non-smoker people?

**MVP Goal:**

**To present a static relation and visualization outcomes from the Cardiovascular Disease dataset and give advisement or solutions about it.**