

## **Heart Disease Prediction**

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

### **Data description**

There are 3 types of input features:

- Objective: Factual information.
- Examination: results of medical examination.
- Subjective: information given by the patient.

**Goal and Summary:** The goal is to predict the presence or absence of cardiovascular diseases using patient examination results. The dataset consists of 70 000 records of patient's data in 12 features, such as age, gender, systolic blood pressure, diastolic blood pressure, and etc. The target class "cardio" equals to 1, when patient has cardiovascular disease, and it's 0, if patient is healthy.

**Techniques:** We are planning to use 1-2 below mentioned methods which gives us the best results.

- Logistic Regression
- Decision Tree
- Random Forest
- K Nearest Neighbors

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