#### [**https://www.kaggle.com/datasets/aasheesh200/framingham-heart-study-dataset**](https://www.kaggle.com/datasets/aasheesh200/framingham-heart-study-dataset) **???????????????????**

#### **Framingham dataset**

The dataset was derived from an ongoing cardiovascular study including inhabitants of Framingham, Massachusetts. The classification is used to determine whether a patient has a 10-year chance of developing coronary heart disease (CHD). The dataset contains information on patients and has a total of 4,240 records and 15 attributes. Each characteristic may be a risk factor. Concerns about demographic, behavioral, and medical characteristics are all risk factors.

| **Variable** | **Description** |
| --- | --- |
| Age | Age in years (32 to 70) |
| Male | Gender instance (1 = Female, 0= Male) |
| Education | Level of education (1 to 4) |
| CurrentSmoker | Whether or not the patient is a current smoker 0 : no 1 : yes |
| CurrentSmoker | Whether or not the patient is a current smoker 0 : no 1 : yes |
| CigsPerDay | The number of cigarettes that the person smoked on average in one day |
| BPMeds | Whether or not the patient was on blood pressure medication 0 : no 1 : yes |
| PrevalentStroke | Whether or not the patient was on blood pressure medication 0 : no 1 : yes |
| PrevalentHyp | Whether or not the patient was hypertensive 0 : no 1 : yes |
| Diabetes | Whether or not the patient had diabetes 0 : no 1 : yes |
| TotChol | Total cholesterol level |
| SysBP | Systolic blood pressure |
| DiaBP | Diastolic blood pressure |
| BMI | Body Mass Index |
| Heart Rate | Measure of heart rate |
| Glucose | Glucose level |
| TenyearHeart | whether or not the patient will develop heart disease in the future ten years (target) 0 : no 1 : yes |