Analyse Exploratoire de Données

Exploratory Data Analysis - EDA of cadiovascular diseases data

This work is my first public Kernel in Kaggle, and I would really appreciate your feedback or upvote!

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. The target class "cardio" equals to 1, when patient has cardiovascular desease, and it's 0, if patient is healthy.

The task is to predict the presence or absence of cardiovascular disease (CVD) using the patient examination results.

Data description

There are 3 types of input features:

- *Objective*: factual information;

- *Examination*: results of medical examination;

- *Subjective*: information given by the patient.

Feature	Variable Type	Variable	Value Type
Age	Objective Feature	age	int (days)
Height	Objective Feature	height	int (cm)
Weight	Objective Feature	weight	float (kg)
Gender	Objective Feature	gender	categorical code
Systolic blood pressure	Examination Feature	ap_hi	int
Diastolic blood pressure	Examination Feature	ap_lo	int
Cholesterol	Examination Feature	cholesterol	1: normal, 2: above normal, 3: well above normal
Glucose	Examination Feature	gluc	1: normal, 2: above normal, 3: well above normal
Smoking	Subjective Feature	smoke	binary
Alcohol intake	Subjective Feature	alco	binary
Physical activity	Subjective Feature	active	binary
Presence or absence of cardiovascular disease	Target Variable	cardio	binary

Source : https://www.kaggle.com/code/sulianova/eda-cardiovascular-data