Working With Dataset

Understanding The Dataset

Team ID	PNT2022TMID04435
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard

Dataset Link:

https://www.kaggle.com/datasets/rishidamarla/heart-disease-prediction.

About Dataset:

This is a kaggle dataset. It contains 14 fields. The goal of the dataset is to predict the presence of heart disease.

Understanding:

S No	Field Name	Description	Understanding
1	Age	Age of the patient	Contains age of the patient.
2	Sex	Gender of the patient	Contains values as 0 and 1 representing 2 genders.
3	Chest Pain	Type of the chest pain	Based on severity of the pain, it is categorized into 4 types.

4	BP	Blood Pressure	Blood Pressure value of the patient.
5	Cholesterol	Cholesterol value	Contains tested results of the cholesterol.
6	FBS over 120	Fasting Blood Sugar over 120	0 - FBS value less than 120. 1 - FBS value greater than 120.
7	EKG Results	Electrocardiogram	Value of electrocardiogram ranges over 0 to 2.
8	Max HR	Maximum Heart Rate	Maximum heart rate of the patient.
9	Exercise Angina	Exercise required for Angina	0 - No 1 - Yes
10	ST Depression	Position of ST segment in ECG results	ST Curve value.
11	Slope of ST	Slop value of ST.	Slope of the ST curve in ECG.
12	Number of vessels fluro	Vessels identified in Fluoroscopy	Value ranges from 0 to 3.
13	Thallium	Thallium test result	Contains values of Thallium test result.
14	Heart Disease	Output to be predicted.	Contains values Presence and Absence which is to be predicted is the goal.