

UNDERSTANDING THE DATASET

Team ID: PNT2022TMID20978

Project Name: Visualizing and Predicting Heart Diseases
With An Interactive Dash Board

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Context

The leading cause of death in the developed world is heart disease. Therefore, there needs to be work done to help prevent the risks of having a heart attack or stroke.

Content

We are using this dataset to predict which patients are most likely to suffer from a heart disease in the near future using the features give.

This database contains of 14 fields. The "goal" field refers to the presence of heart disease in the patient. It is integer valued from 0 (no presence) to 4.

The data can be downloaded from the following:

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

The data dictionary is as follows:

S.no	Field Name
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1	Age
2	Sex
3	Chest pain type
4	BP
5	Cholesterol
6	FBS over 120
7	EKG results
8	Max HR
9	Exercise angina
10	ST depression
11	Slope of ST
12	Number of vessels fluro
13	Thallium
14	Heart Disease

The image is a screenshot of a web browser displaying the Kaggle website. The browser's address bar shows the URL: kaggle.com/datasets/rishidamarla/heart-disease-prediction?select=Heart_Disease_Prediction.csv. The page title is "Heart Disease Prediction". Below the title, there are tabs for "Data", "Code (15)", and "Discussion (0)". A "New Notebook" button is visible. The "About Dataset" section contains the following text: "Context: The leading cause of death in the developed world is heart disease. Therefore there needs to be work done to help prevent risks of having a heart attack or stroke." "Content: Use this dataset to predict which patients are most likely to suffer from a heart disease in the near future using the features given." "Acknowledgement: This data comes from the University of California Irvine's Machine Learning Repository at https://archive.ics.uci.edu/ml/datasets/Heart+Disease." Below this, there are two tags: "Health Conditions" and "Heart Conditions". The dataset file "Heart_Disease_Prediction.csv" (11.93 kB) is listed with download and view icons. The page also shows a sidebar with navigation links and a user profile for PRAVEEN KANTH S.