Working with Dataset

Date	19 September 2022
Team ID	PNT2022TMID22030
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board.
Maximum Marks	4 Marks

Exploration of Data

The data can be downloaded from the following:

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

The 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.

Exploration of Data relationships among the values is presented along with plotting of Average Age for different Chest Pain Types. For visualizing it, we will require the following data:

　　　　　* Sex
　　　　　* Age
　　　　　* Chest Pain Type.

From this data, we will be plotting "Horizontal Bar Chart" to present the average age of people experiencing the same type of chest pain.

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Selected sources /

Heart_Disease_Prediction.csv

Search

Navigation paths

Heart_Disease_Prediction.csv
- Age
- Sex
- Chest pain type
- BP
- Cholesterol
- FBS over 120
- EKG results
- Max HR
- Exercise angina
- ST depression
- Slope of ST
- Number of vessels fluro
- Thallium
- Heart Disease

Chest pain type by Age

Details

Over all **ages**, the sum of **Chest pain type** is 857.

For **Chest pain type**, the most significant values of **Age** are 54 and 58, whose respective **Chest pain type** values add up to 99, or 11.6 % of the total.

Chest pain type ranges from 1, when **Age** is 38, to 51, when **Age** is 54.

Chest pain type is unusually high when **Age** is 54.