

SPRINT 2

Date	21 November 2022
Team ID	PNT2022TMID47218
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard

Data Visualization and Interactive Dashboard Creation

Data Visualization:

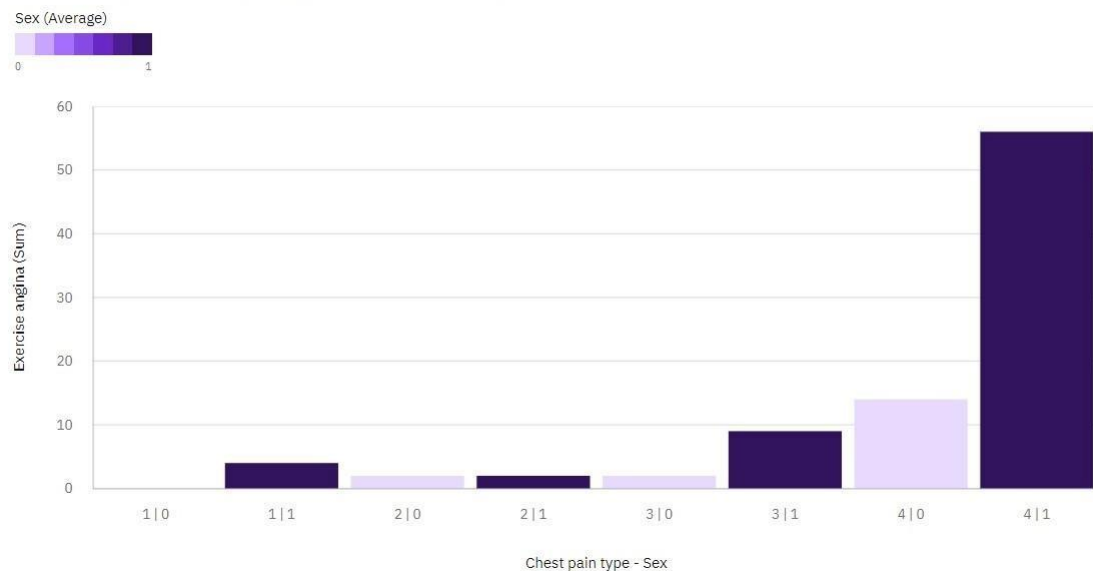
Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data. Additionally, it provides an excellent way for employees or business owners to present data to non-technical audiences without confusion.

Dashboard:

Dashboards allow all kinds of professionals the ability to monitor performance, create reports and set estimates and targets for future work.

1. Exercise angina on various chest pain type:

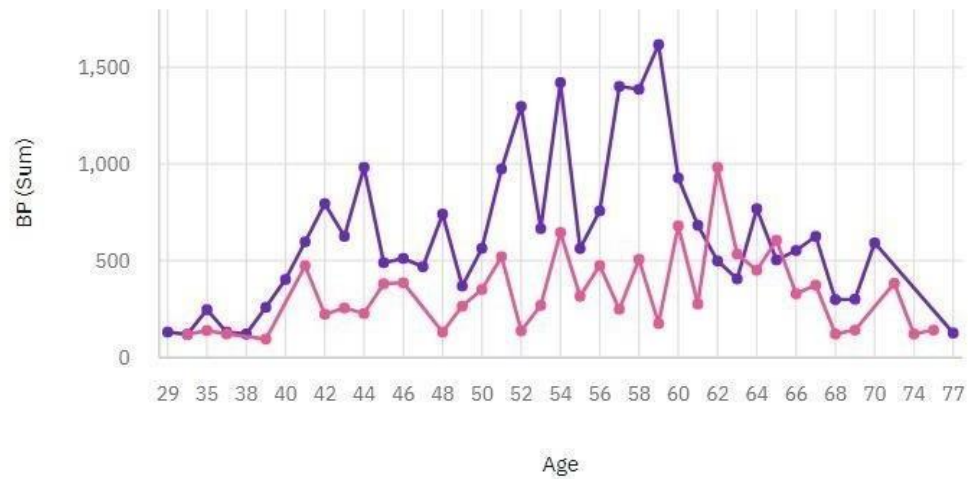
Exercise angina by Chest pain type and Sex colored by Sex



2. BP by age:

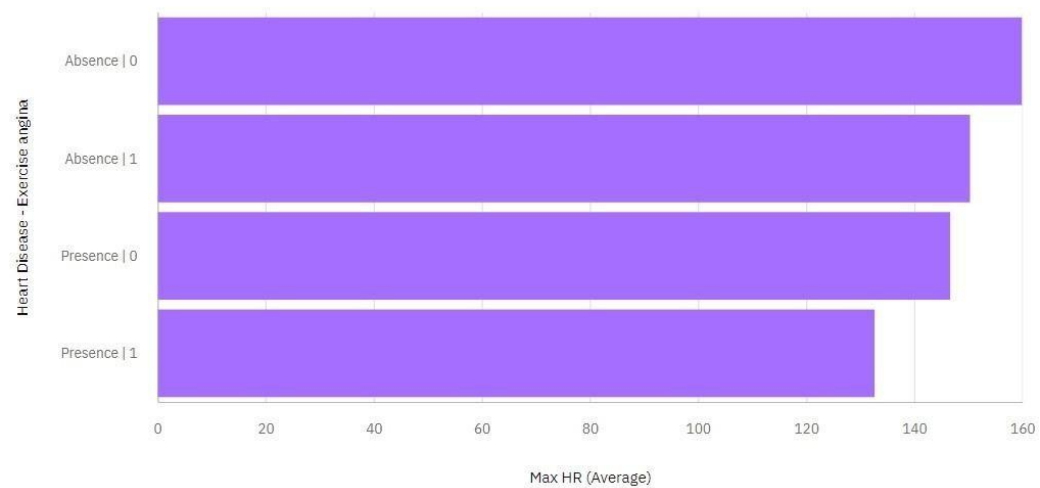
BP by Age colored by Sex

Sex
0 1



3. Maximum heart rate by Heart Disease and exercise angina:

Max HR by Heart Disease and Exercise angina



4. Heart Disease for chest pain type:

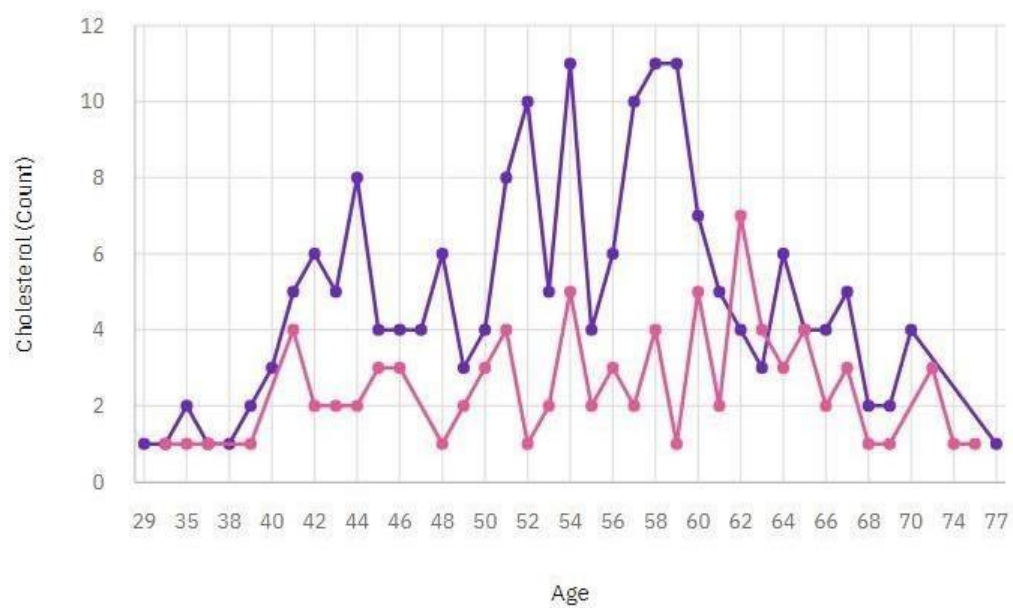
Heart Disease for Chest pain type and Sex

Heart Disease	1	2	3	4	Summary
0	4	16	32	35	87
1	16	26	47	94	183
Summary	20	42	79	129	270

5. Cholesterol by Age:

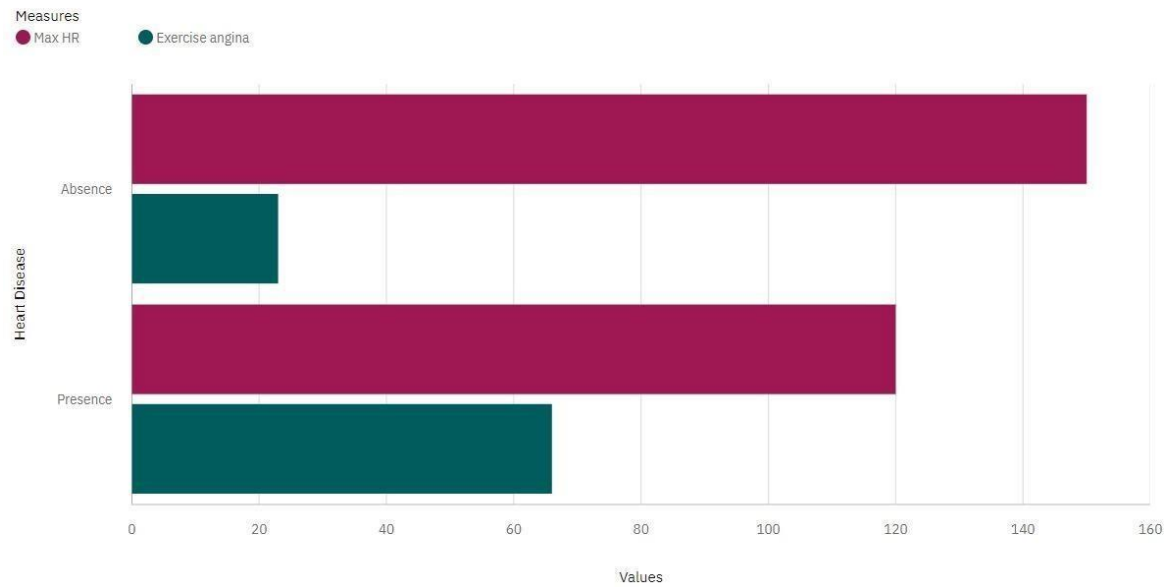
Cholesterol by Age colored by Sex

Sex
0 1

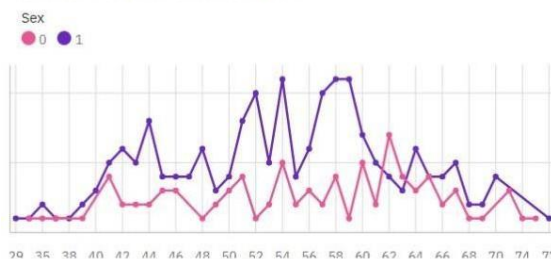


6. Maximum Heart rate and Exercise angina by heart disease:

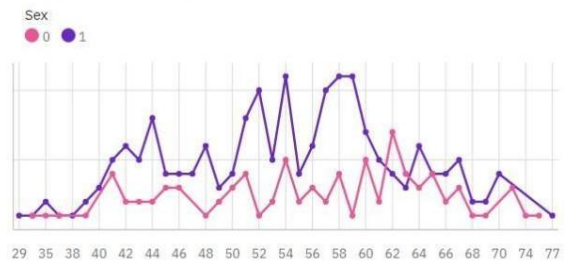
Max HR and Exercise angina by Heart Disease



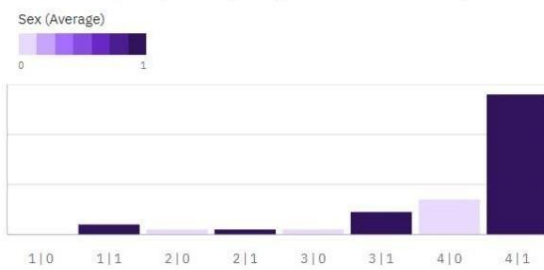
Cholesterol by Age colored by Sex



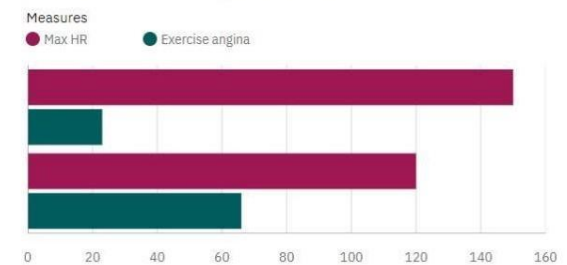
BP by Age colored by Sex



Exercise angina by Chest pain type and Sex colored by Sex



Max HR and Exercise angina by Heart Disease



Heart Disease Distribution on Age



Heart Disease Distribution on Cholesterol

