

## **PROJECT PLANNING PHASE**

**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**

<b>Date</b>	<b>22 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID53213</b>
<b>Project Name</b>	<b>Visualizing and Predicting Heart Disease with an Interactive Dashboard</b>
<b>Maximum Marks</b>	<b>8 Marks</b>

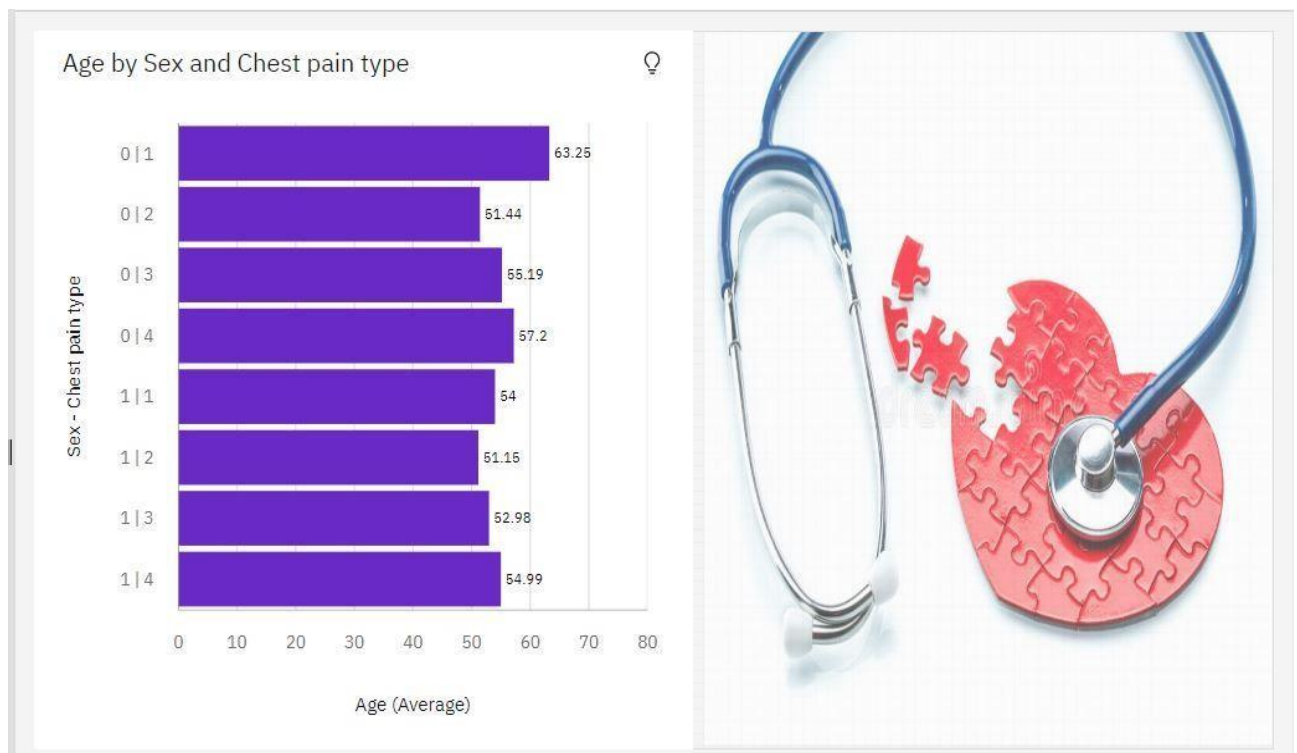
## DATA VISUALIZATION

### About 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.

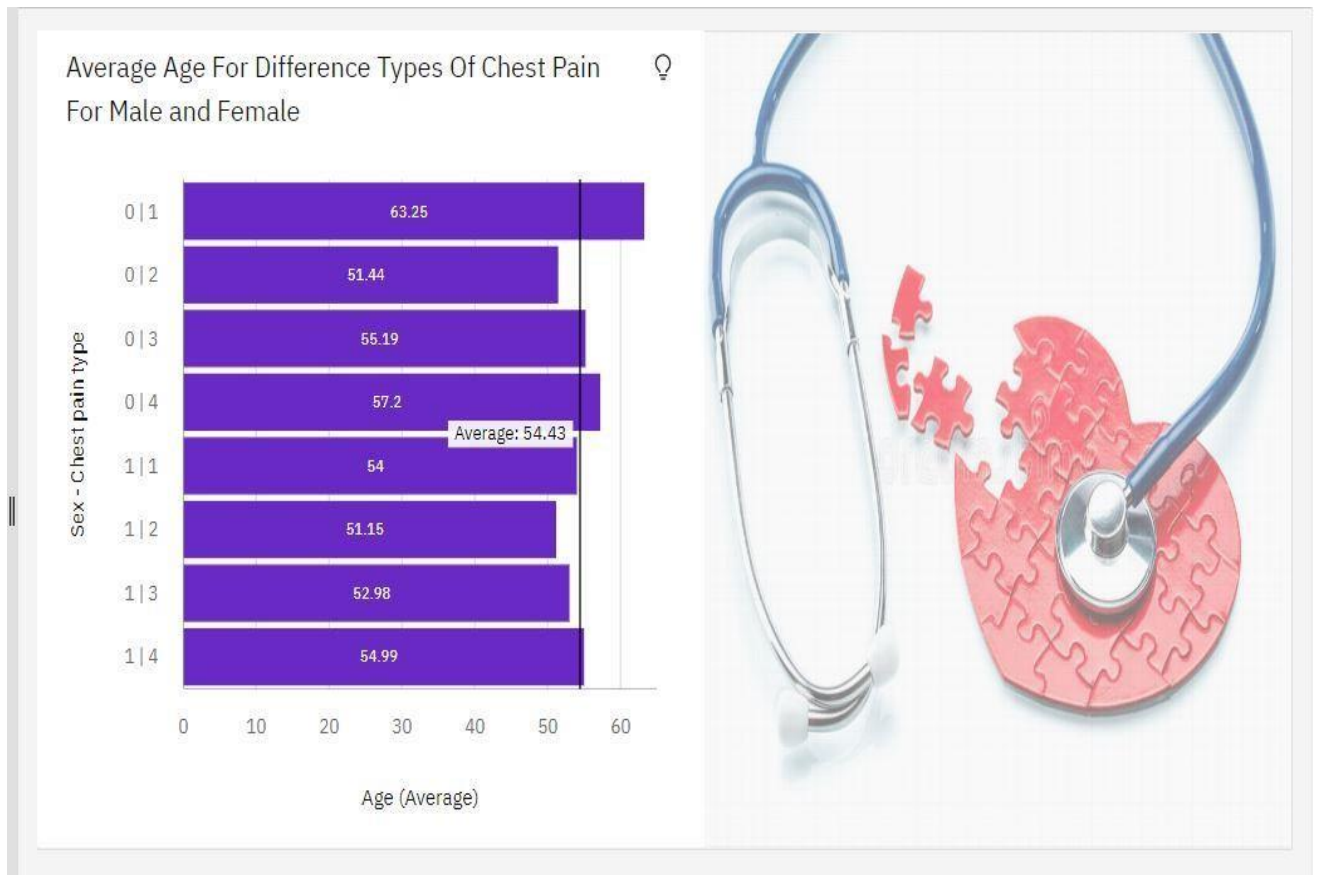
->Here, we calculated all the relationship in it

Age by sex and chest pain type



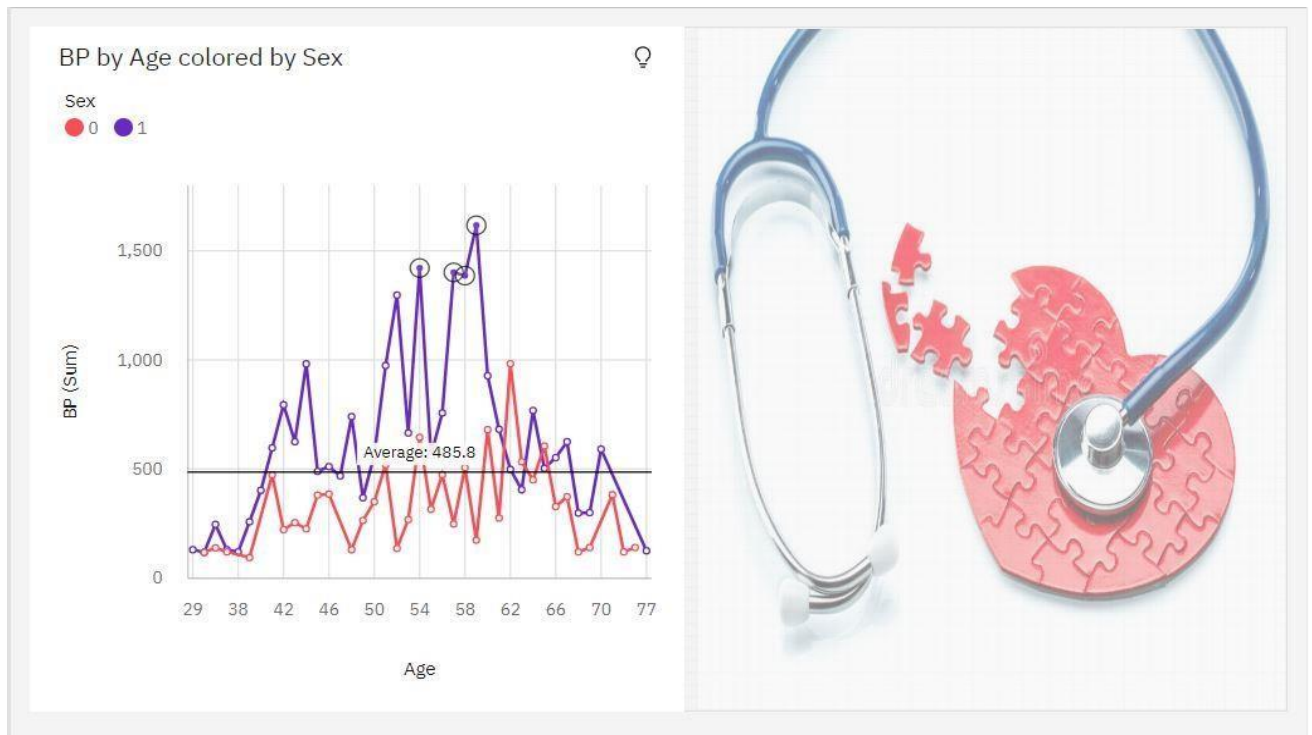
## DATA VISUALIZATION

Average age for difference types of chest pain for male and female



## DATA VISUALIZATION

### 3. BP by age colored by Sex



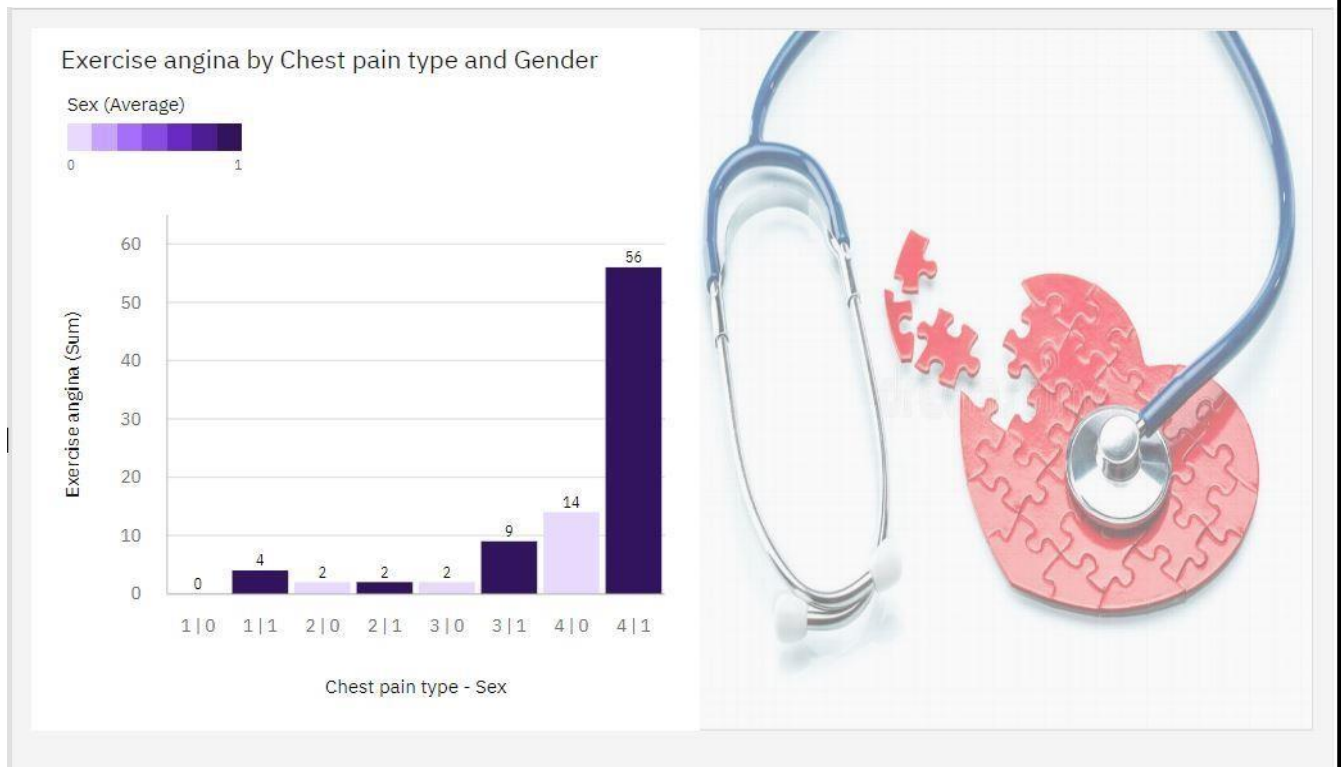
# DATA VISUALIZATION

Cholesterol by age colored by sex



## DATA VISUALIZATION

Exercise angina by chest pain type and gender



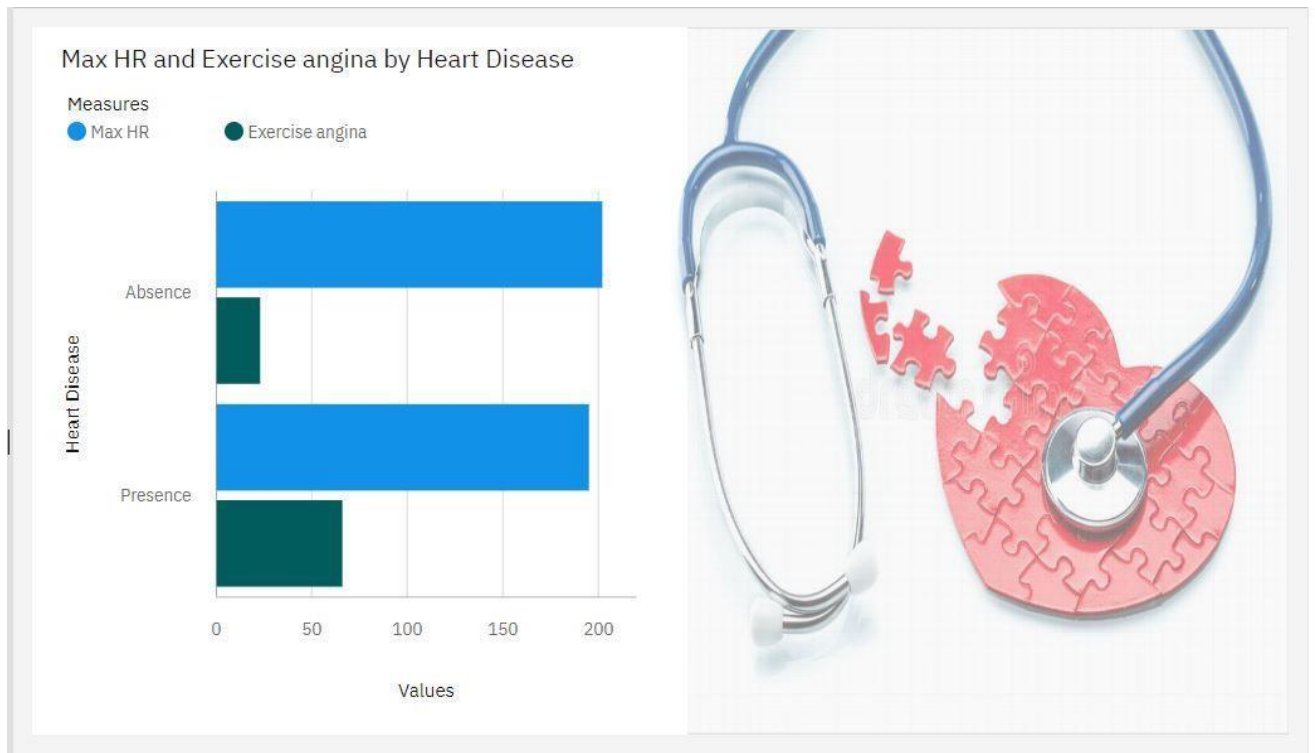
# DATA VISUALIZATION

Heart disease for chest pain type and sex



## DATA VISUALIZATION

Max HR and Exercise angina by heart disease





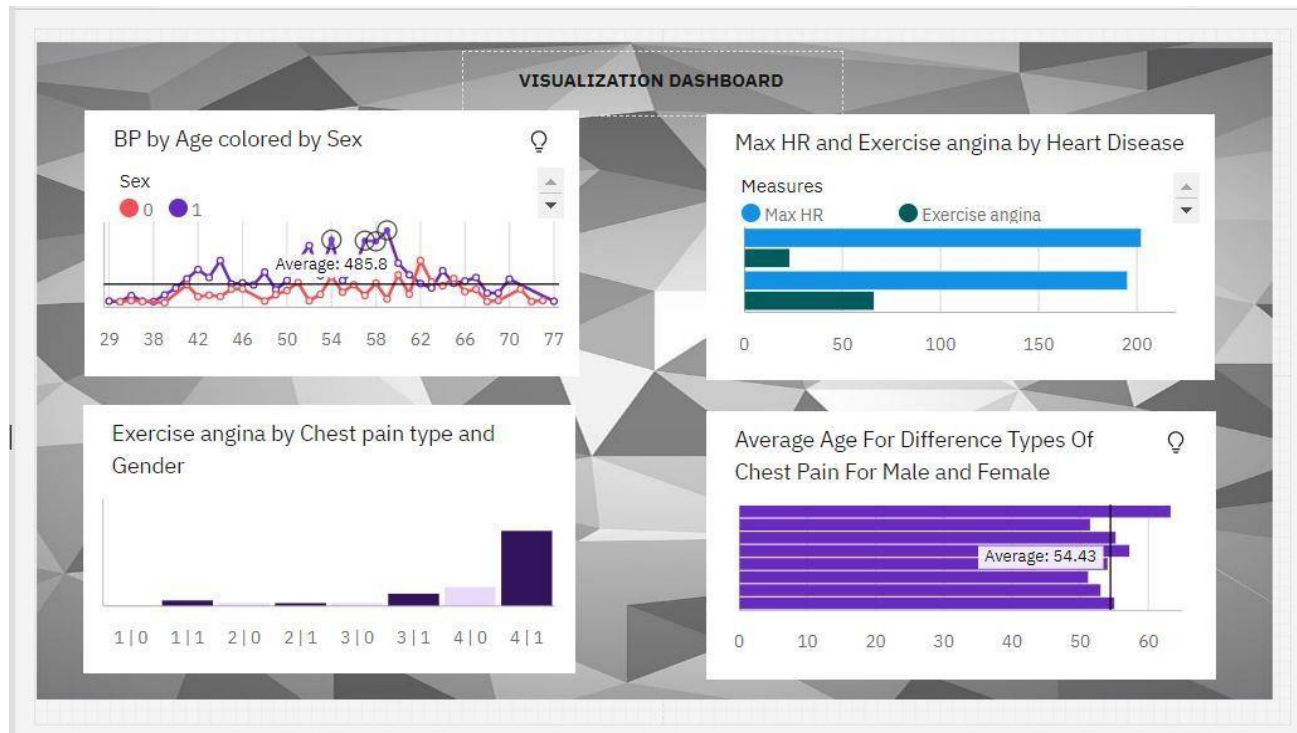
## DATA VISUALIZATION

Max HR by heart disease and Exercise angina



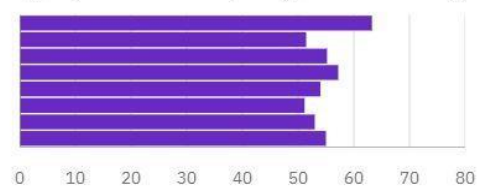
# DATA VISUALIZATION DATA VISUALIZATION

## VISUALIZATION DASHBOARD

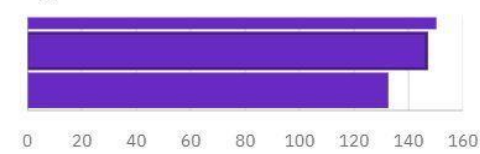


## VISUALIZATION DASHBOARD

Age by Sex and Chest pain type



Max HR by Heart Disease and Exercise  
angina



Heart Disease for Chest pain type and Sex

Heart Disease		2
0	1	
1	2	
Summary		

Cholesterol by Age colored by Sex

