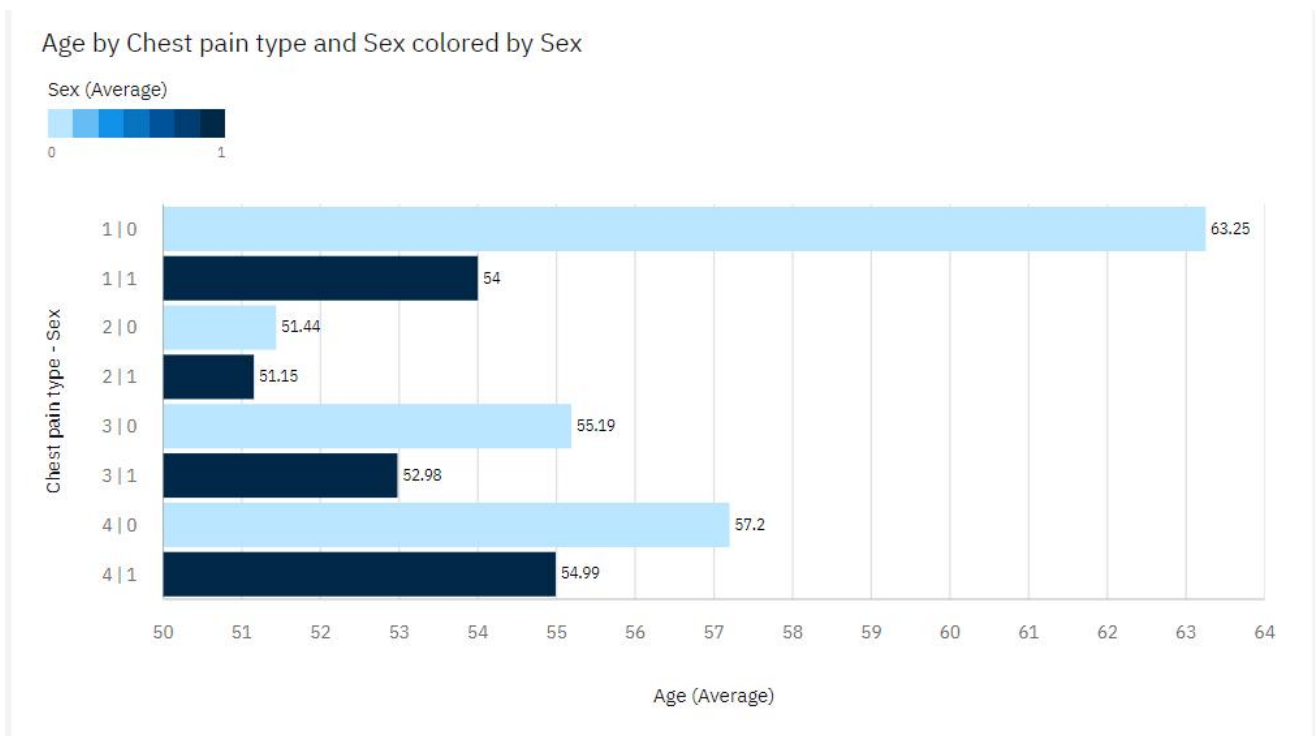


Data Visualizations

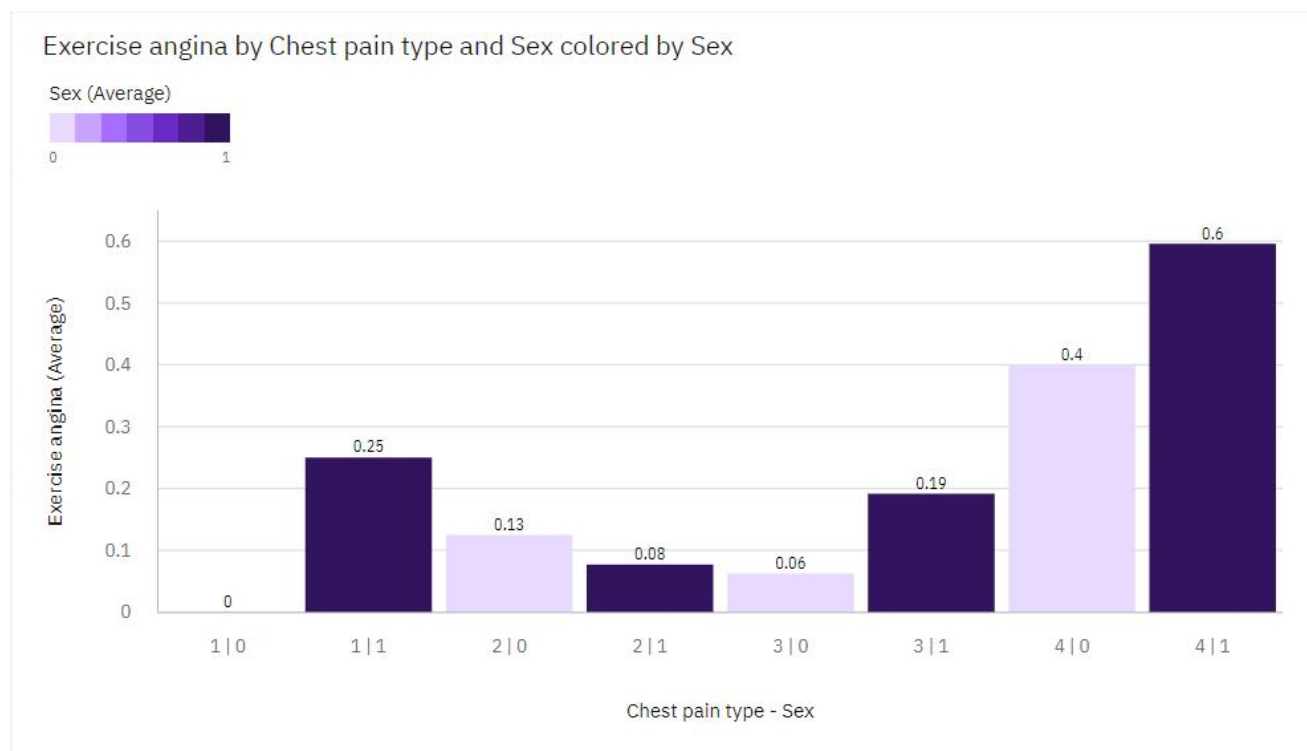
Date	30 th October 2022
Team ID	PNT2022TMID21213
Project Name	Visualizing and Predicting Heart Disease with an Interactive Dashboard
Maximum Marks	4 Marks

Average Age For Different Chest Pain Types:



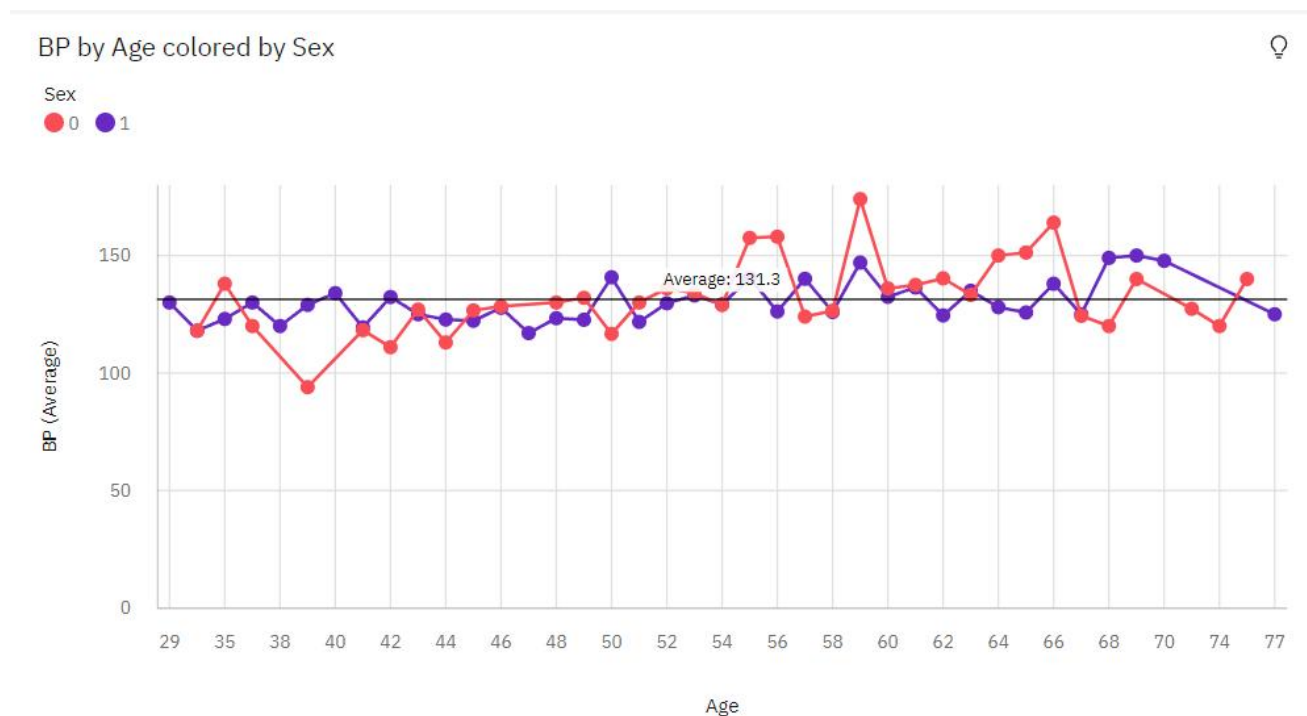
Here, a horizontal bar graph is developed between Age (Average Values) and Chest Pain, where Chest Pain is differentiated by Gender.

Average Exercise Angina During Chest Pain:



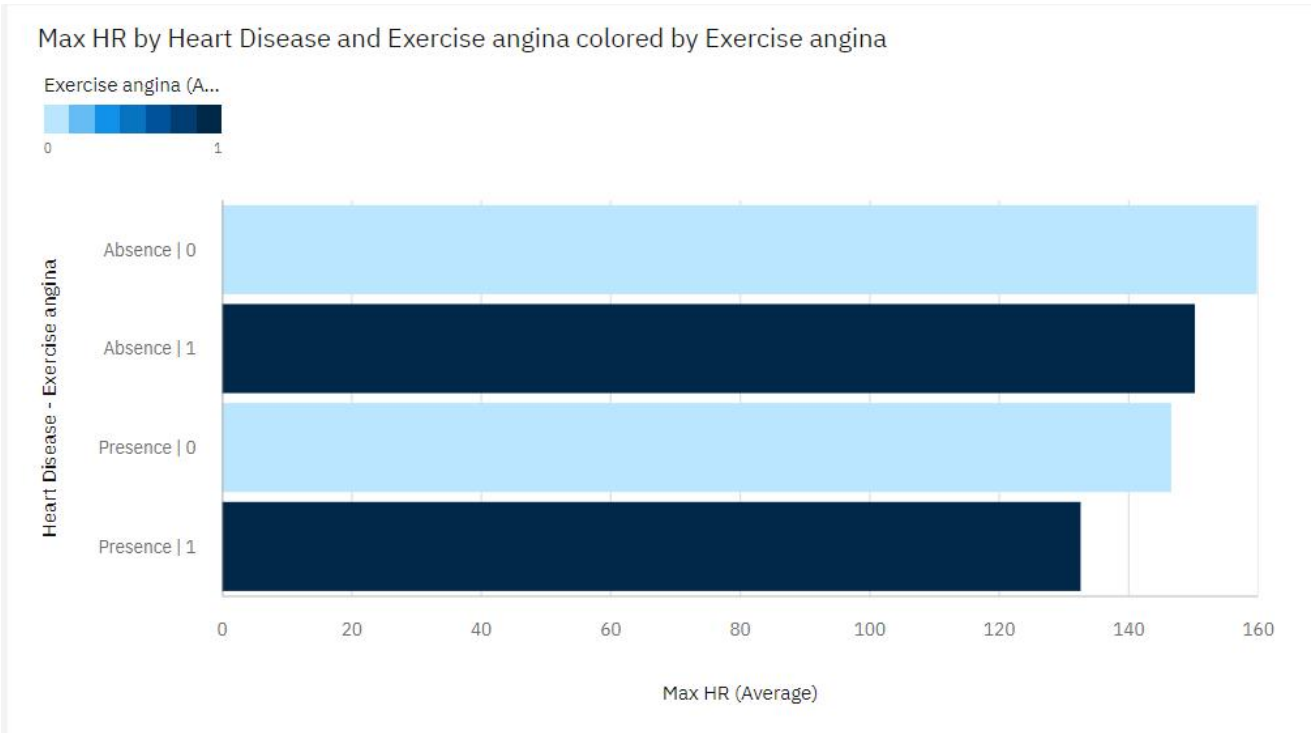
Here, a vertical bar graph is developed between Chest Pain, where Chest Pain is differentiated by Gender and Exercise Angina (Average).

BP Variation With Respect To Age:



Here, a line graph is developed between Age and BP (Average), where BP is differentiated by Gender.

Effect Of Existing Heart Disease On Average Of Exercise Angina:



Here, a horizontal bar graph is developed between Maximum Heart Rate (Average) and Heart Disease, where Heart Disease is differentiated by Exercise Angina.

Average Age For Different Types Of Chest Pain in Existing Heart Diseases:

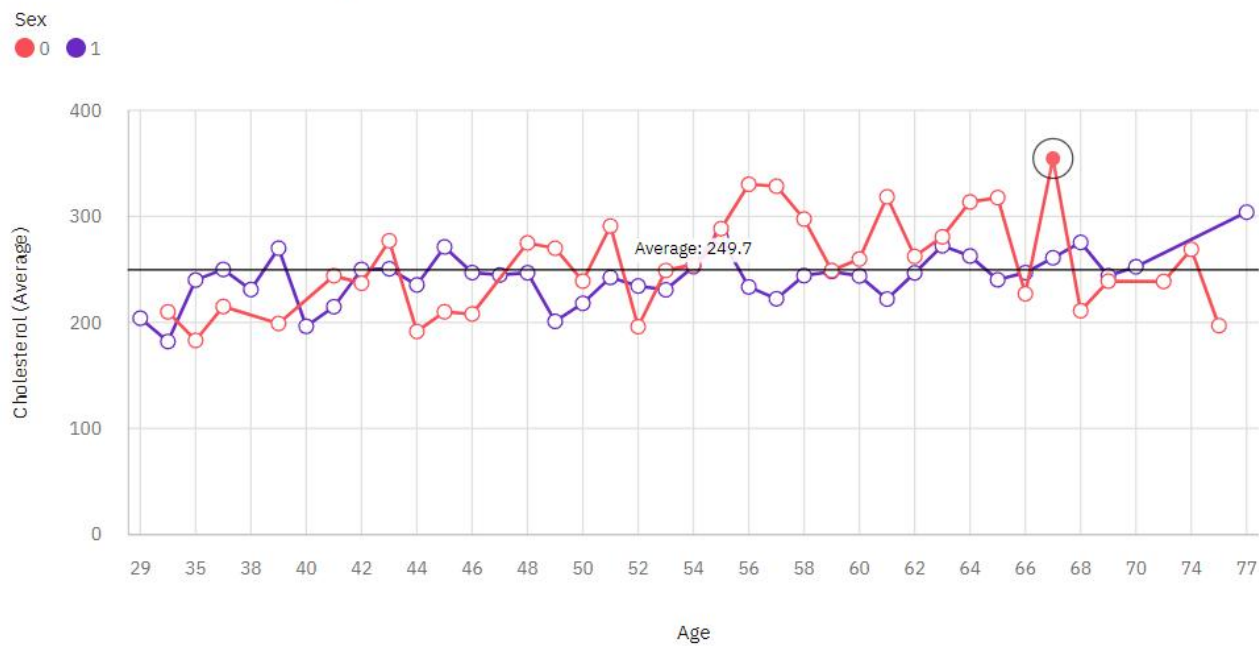
Heart Disease for Chest pain type and Sex

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

Here, a table is developed between Heart Disease and Gender.

Serum Cholesterol Levels Vs Age:

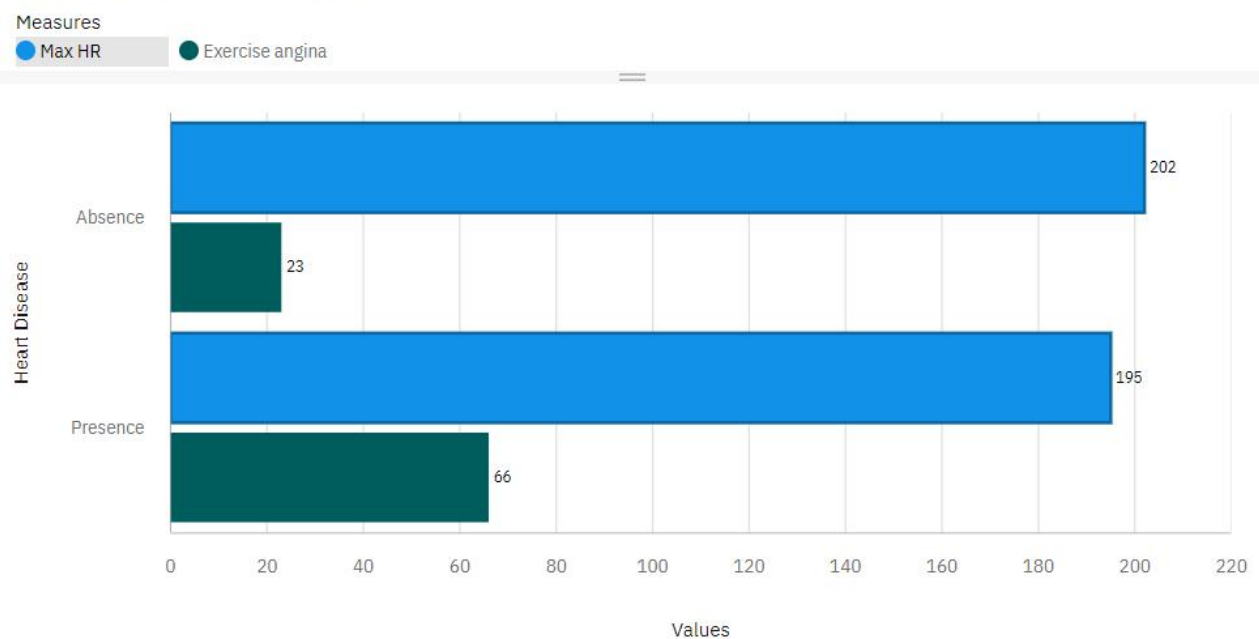
Cholesterol by Age colored by Sex



Here, a line graph is developed between Age and Cholestrol (Average), where it is differentiated by Gender.

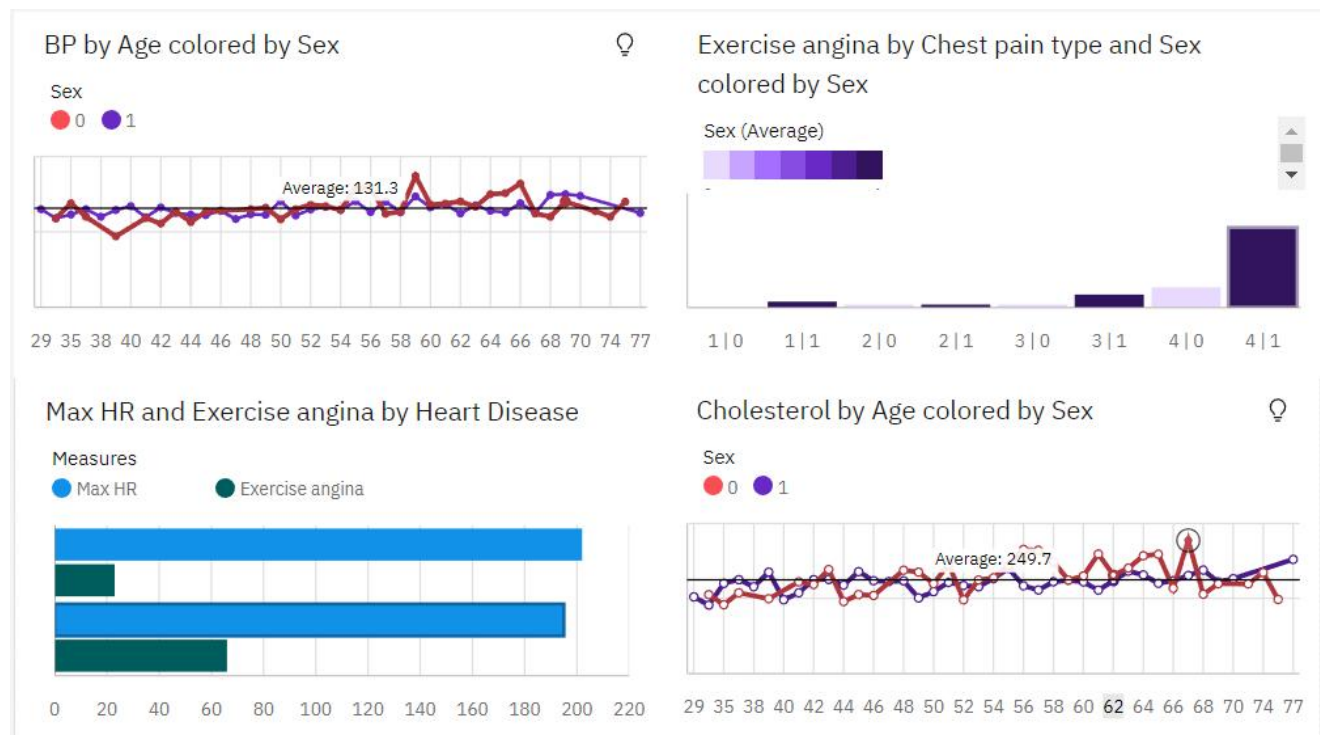
Maxium Heart Rate In Existing Heart Disease By Exercise Angina:

Max HR and Exercise angina by Heart Disease



Here, a horizontal bar graph is developed with Maximum Heart Rate (Average) and Heart Disease.

Dashboard Showing Different Types Of Visuals:



Here, different visualizations are combined into a single dashboard.