

## Project Development Phase – Sprint 4

Date	18 October 2022
Team ID	PNT2022TMID21560
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard Technology

### Exploration

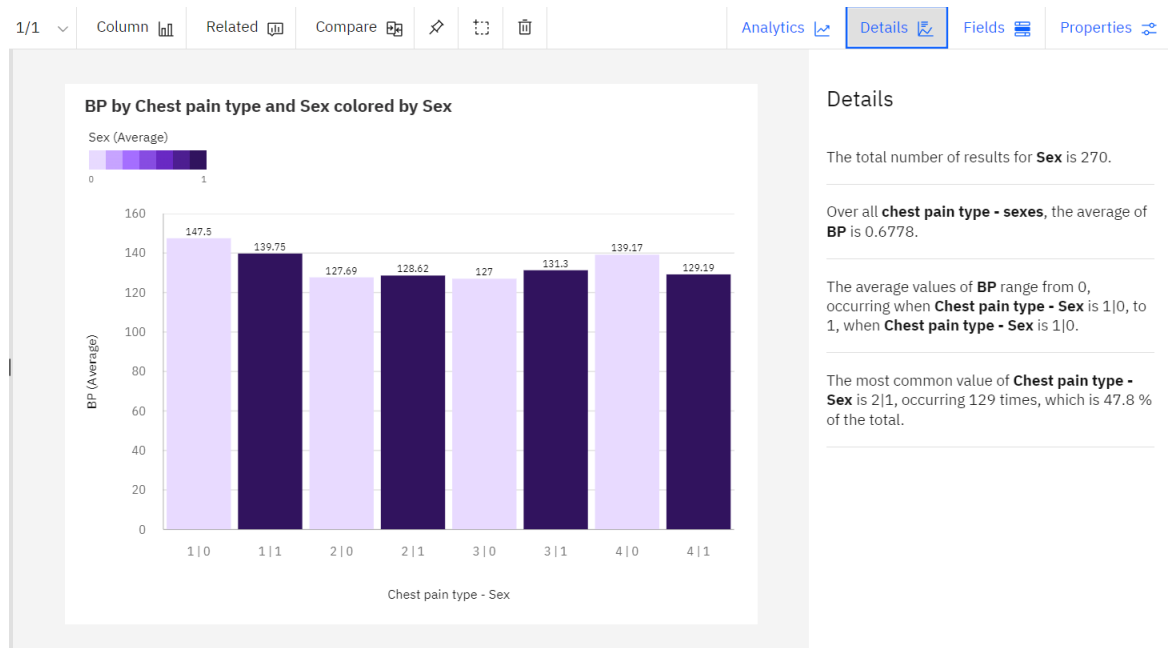
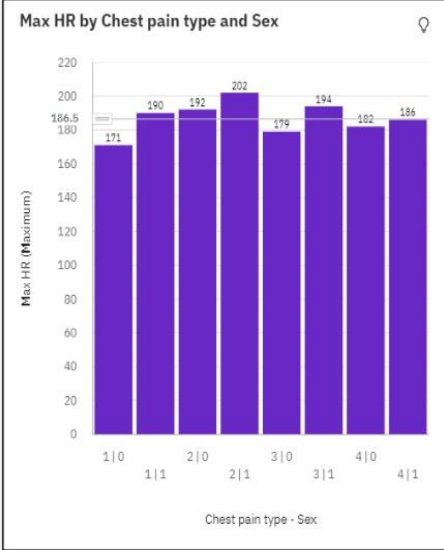


Chart A



Create a comparison

Drag and drop fields  
or choose visualization type

Choose a type

## Details

The total number of results for **Max HR**, across all **chest pain type - sexes**, is 270.

The most common value of **Chest pain type - Sex** is 2|1, occurring 129 times, which is 47.8 % of the total.

The largest value of **Max HR** is 1, occurring when **Chest pain type - Sex** is 1|0.

Chart A

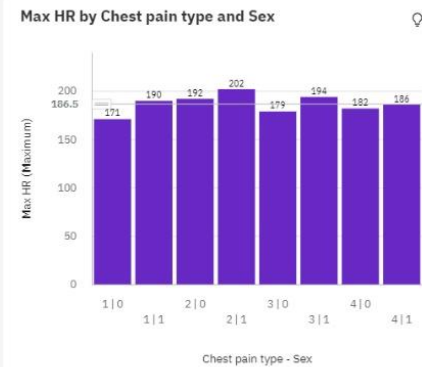
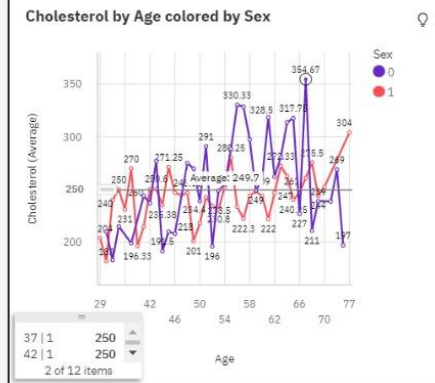


Chart B



## Details

The most common value of **Sex** is 1, occurring 183 times, which is 67.8 % of the total.

Over all **ages** and **sexes**, the average of **Cholesterol** is 249.7.

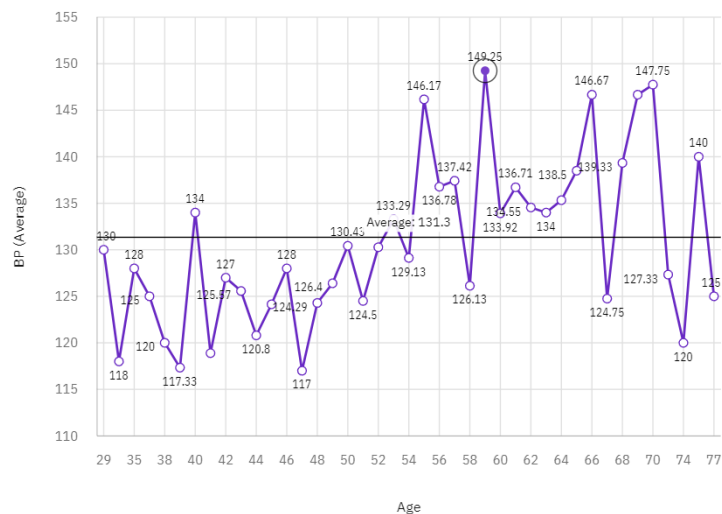
The average values of **Cholesterol** range from 182 to 354.7.

**Cholesterol** is unusually high when the combination of **Age** and **Sex** is 67 and 0.

The most common values of **Age** are 54 (5.9 %) and 58 (5.6 %), together occurring 31 times, which is 11.5 % of the total.

Summary	Chart A : Max HR	Chart B : Cholesterol	Combined
Minimum	171	182	-
Maximum	202	354.67	-
Average	187	-	-
Average (weighted)	-	249.66	-

BP by Age



## Details

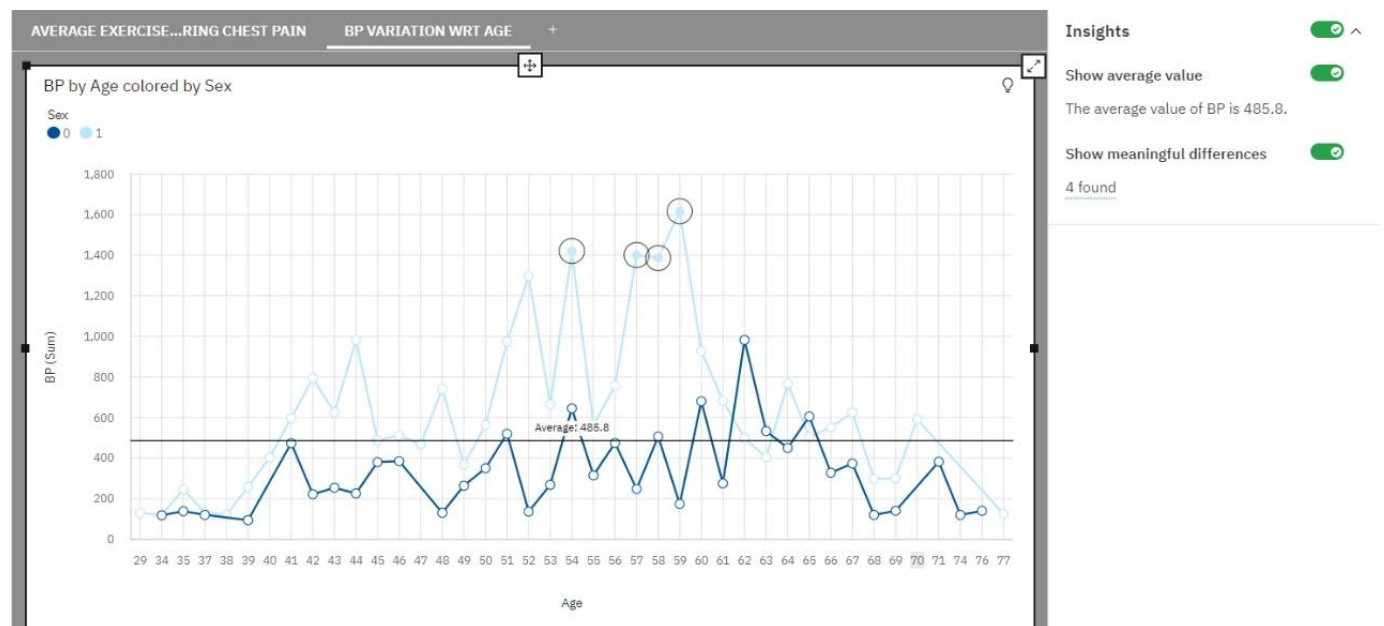
The most common values of **Age** are 54 (5.9 %) and 58 (5.6 %), together occurring 31 times, which is 11.5 % of the total.

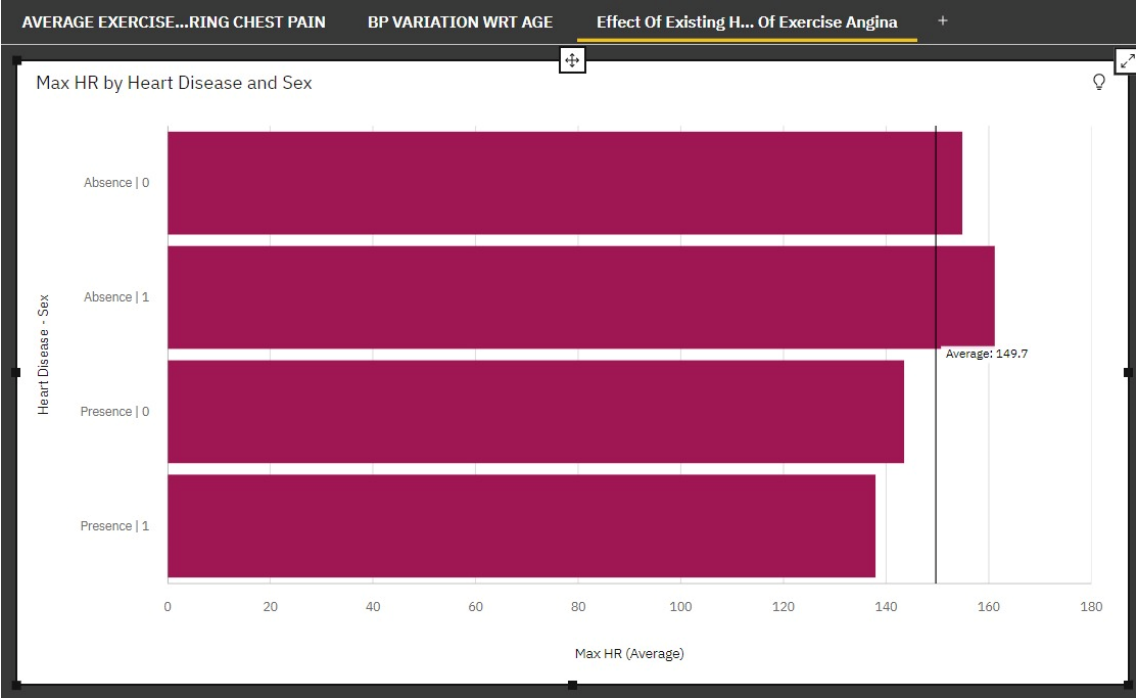
Over all **ages**, the average of **BP** is 131.3.

The average values of **BP** range from 117, occurring when **Age** is 47, to 149.2, when **Age** is 59.

**BP** is unusually high when **Age** is 59.

## Visualization

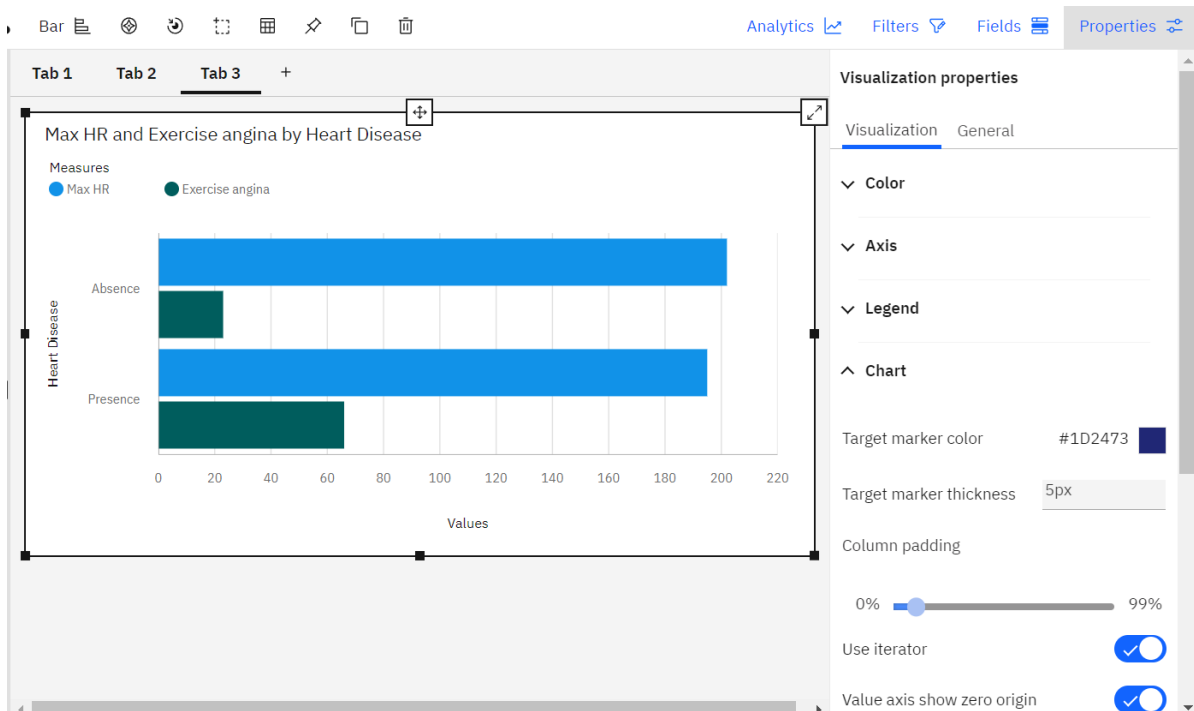
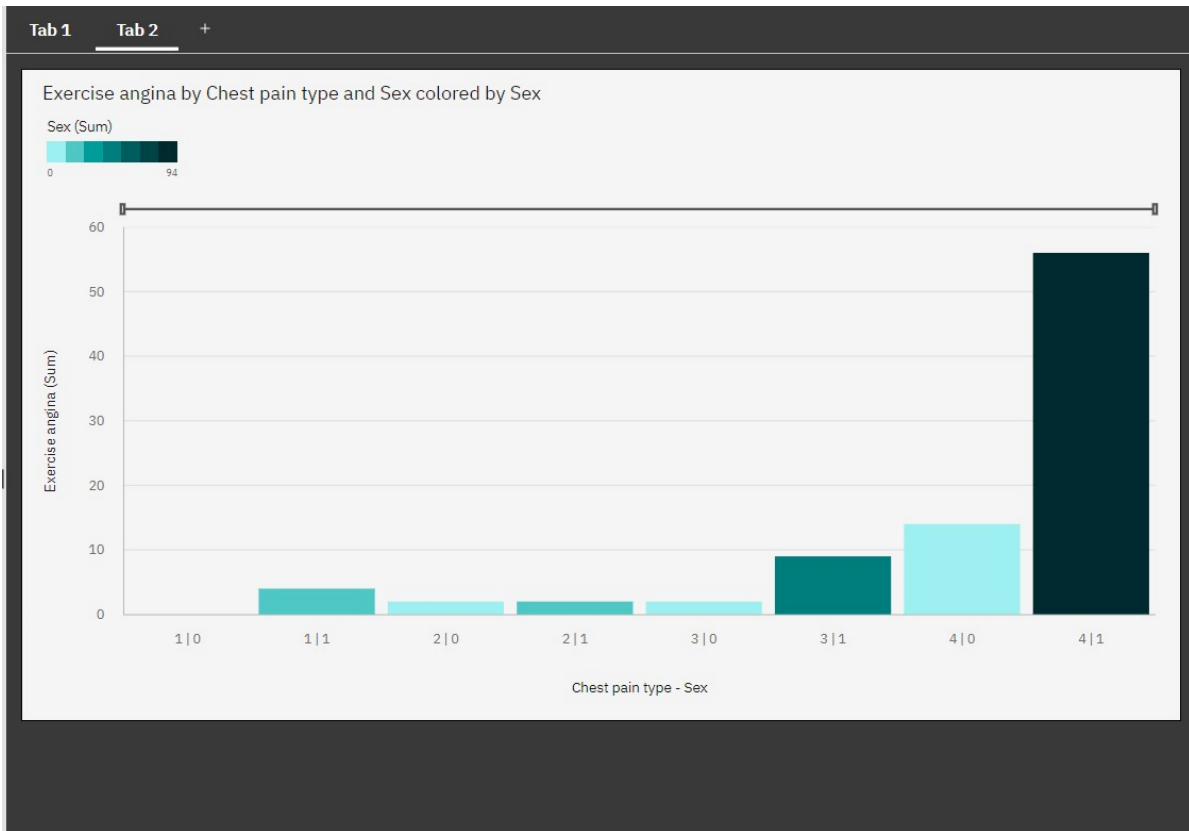


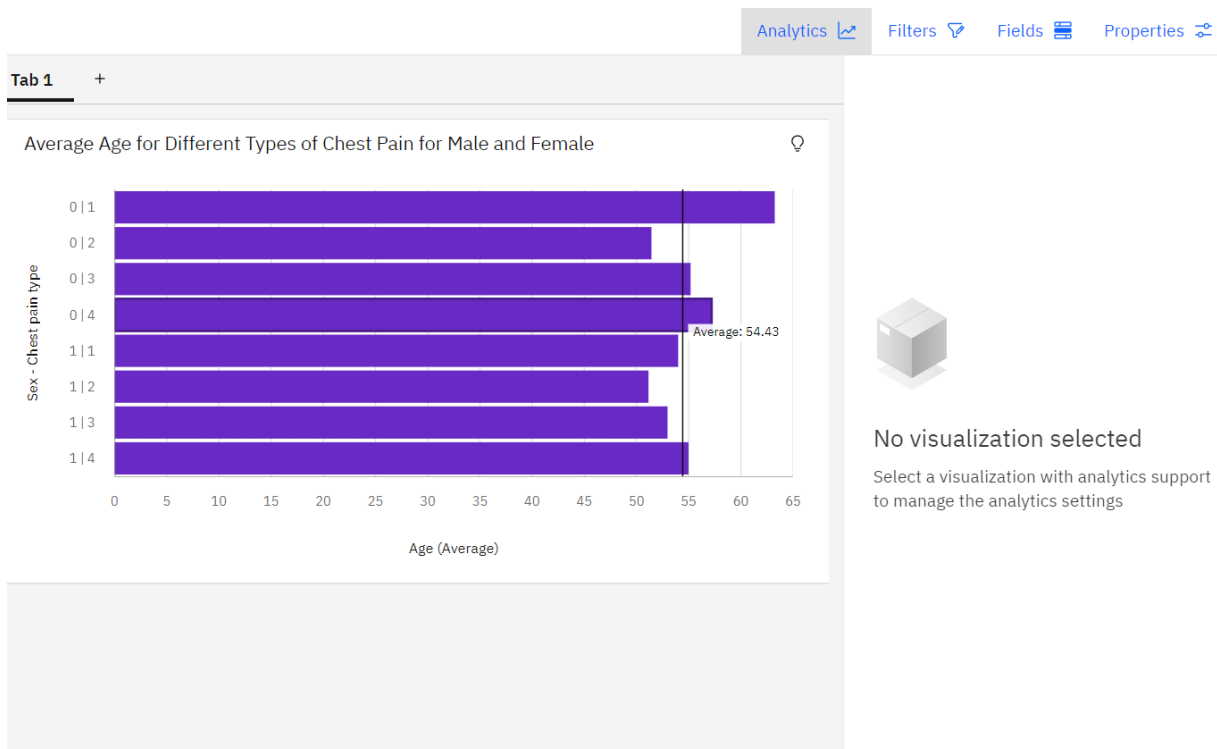
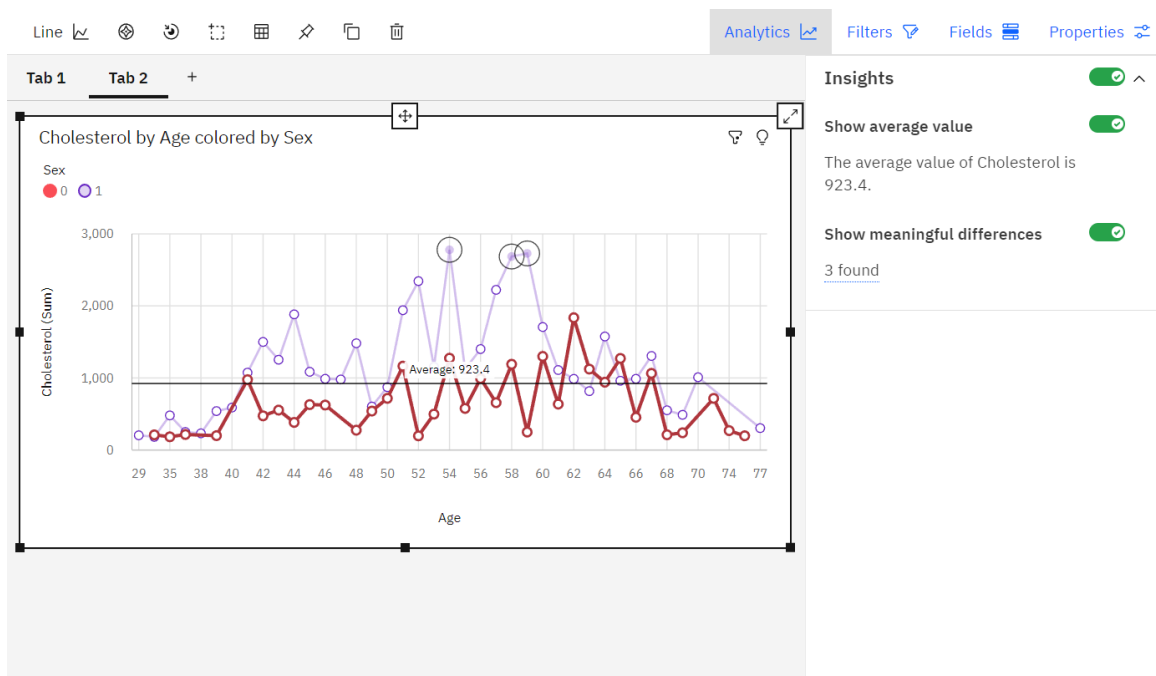


BP VARIATION WRT AGE    AVERAGE EXERCISE...RING CHEST PAIN    Effect Of Existing H... Of Exercise Angina    Average Age For    >    +

Heart Disease for Chest pain type and Sex

Heart Disease	1	2	3	4		Summary
0	0	1	1	18		20
1	5	6	16	73		100
Summary	5	7	17	91		120







Analytics

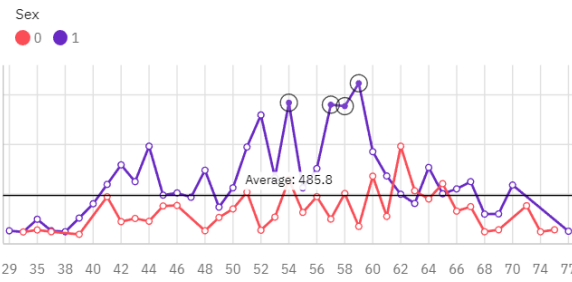
Filters

Fields

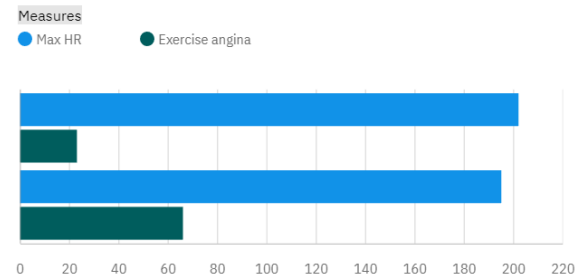
Properties

Tab 1 Tab 2 Tab 3 **Tab 4** Tab 5 Tab 6 +

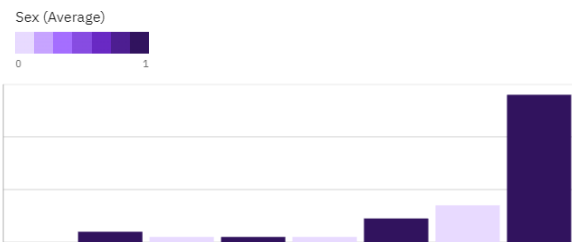
BP by Age colored by Sex



Max HR and Exercise angina by Heart Disease



Exercise angina by Chest pain type and Gender



Cholesterol by Age colored by Sex

