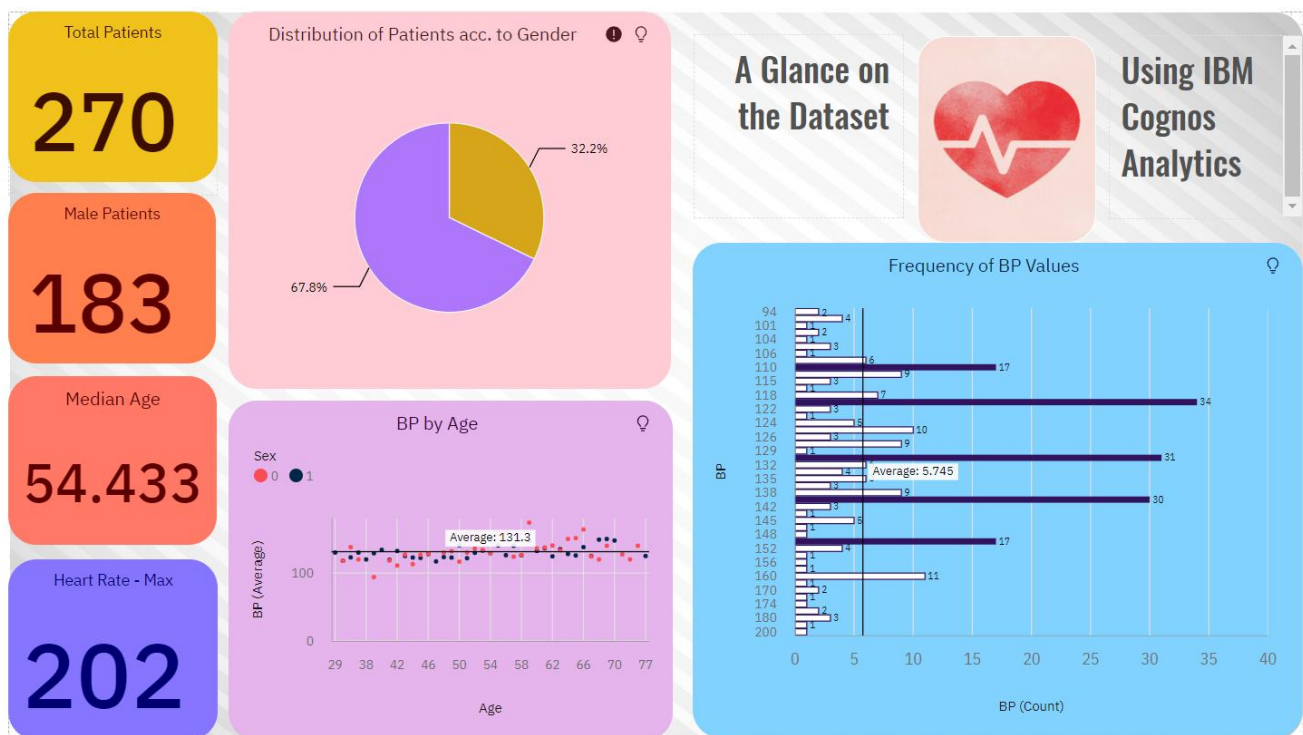


## Sprint 3 - Creation of Dashboard, Story and Report

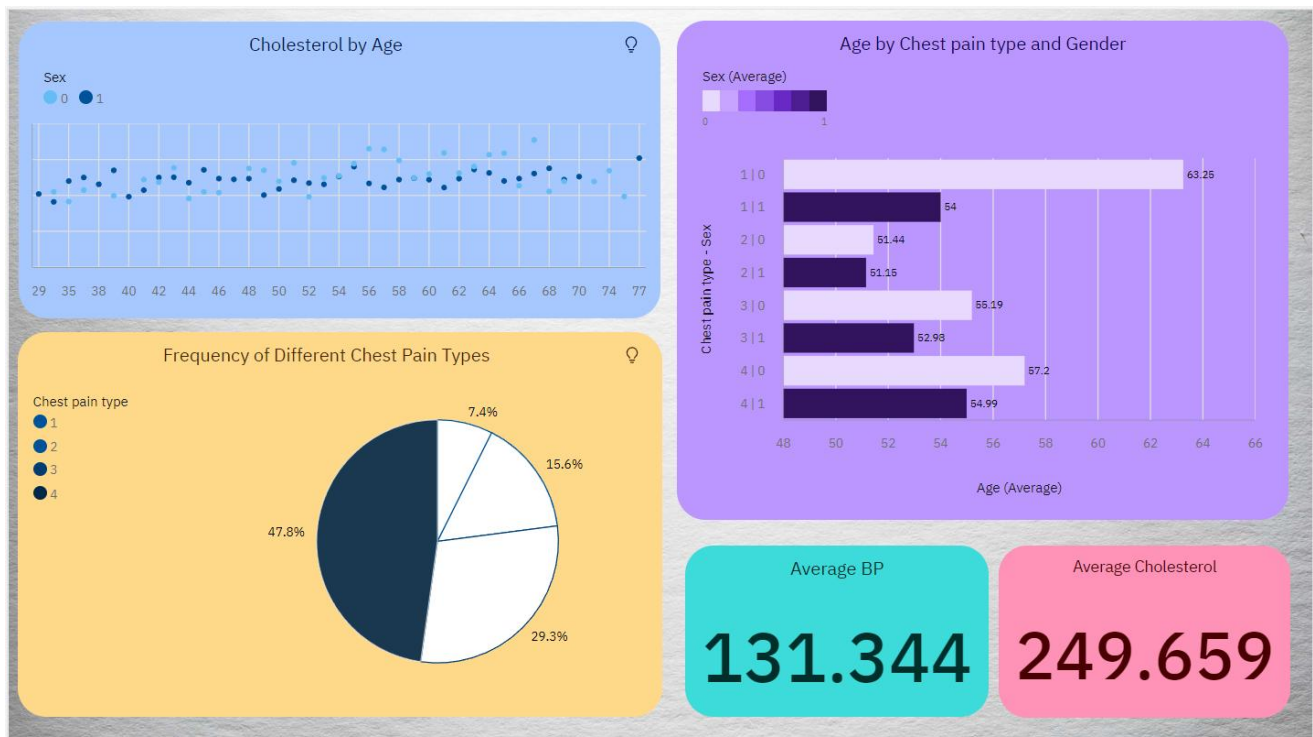
Date	12 <sup>th</sup> November 2022
Team ID	PNT2022TMID21213
Project Name	Visualizing and Predicting Heart Disease with an Interactive Dashboard

### Dashboard 1:



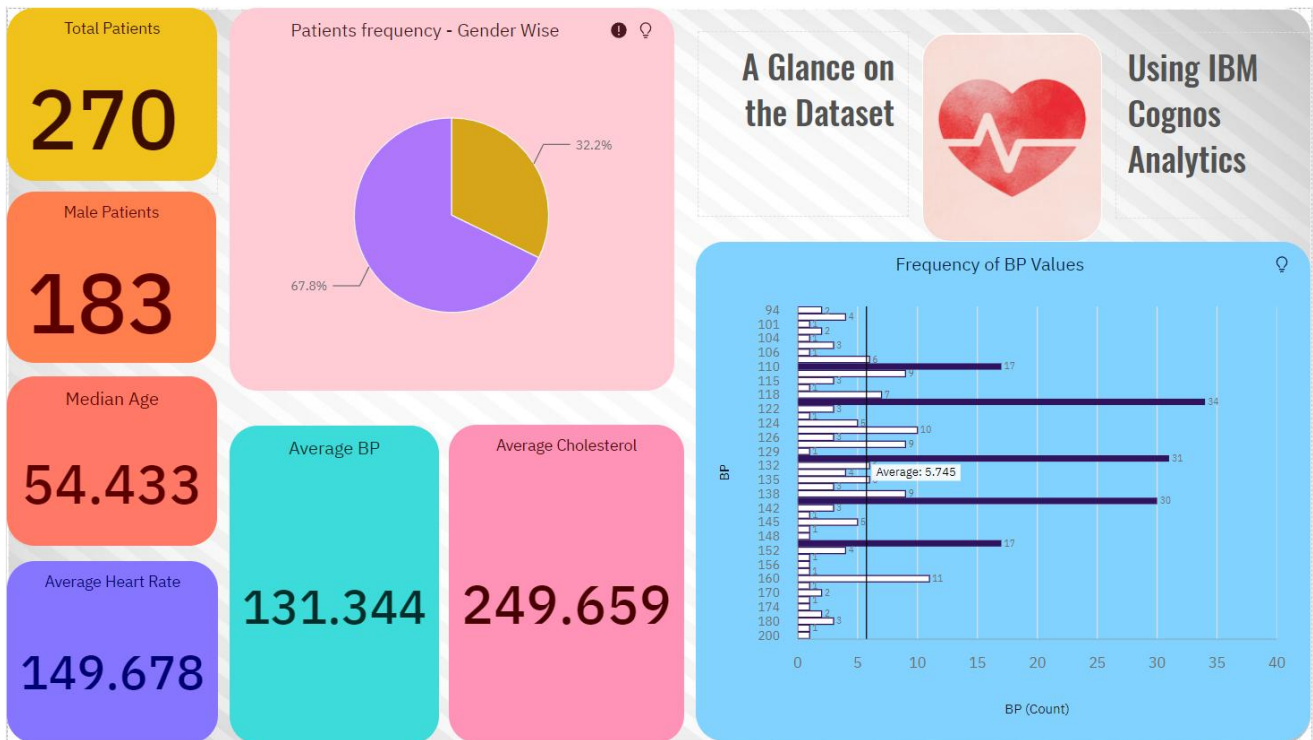
This Dashboard contains details about total number of patients, number of male patients, median age, and maximum heart rate from the given dataset. Also, pie charts on Patients classification according to gender, Relationship Graph between BP and Age, Bar Graph on Frequency of BP Values are also present in the dashboard.

## Dashboard 2:

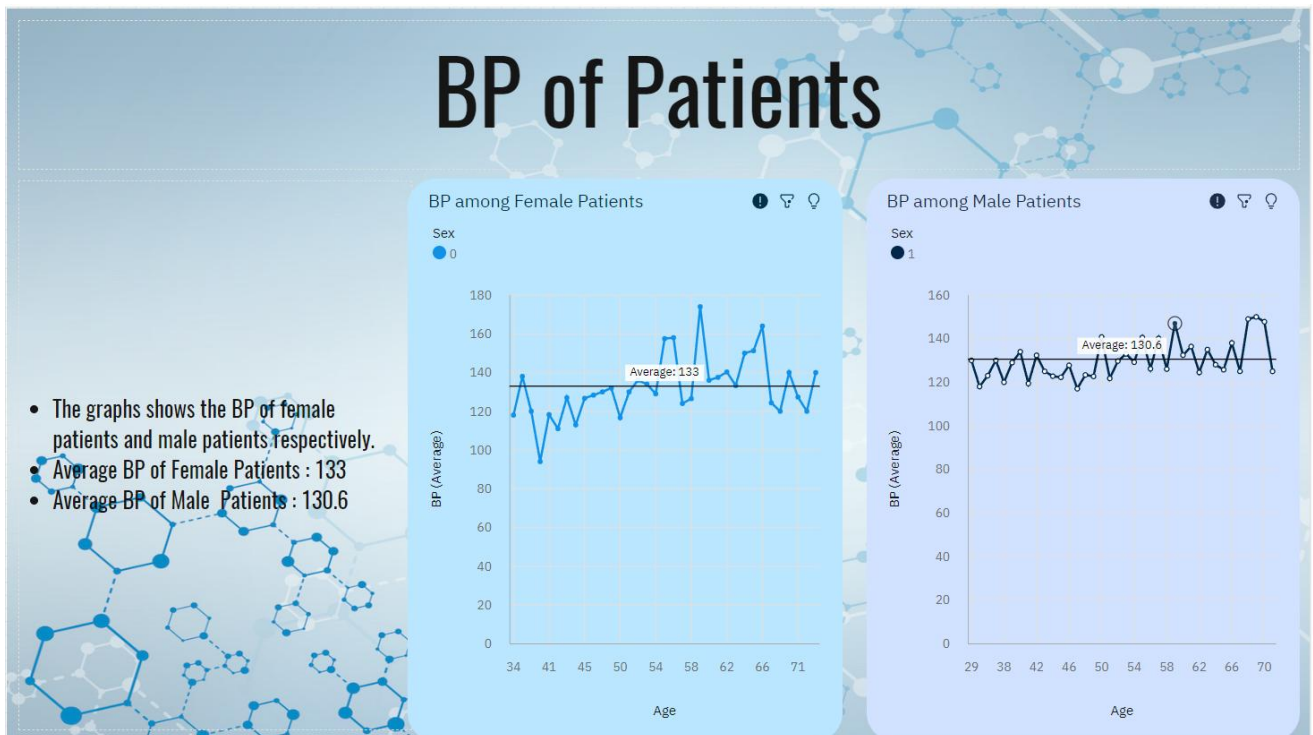


This Dashboard contains Relationship Graph between Cholesterol, Pie Chart on frequency of Different Chest Pain Types, Relationship Graph between Age and Chest Pain Type and Gender. Also, it has Average BP and Average Cholesterol values of the dataset.

## Story:



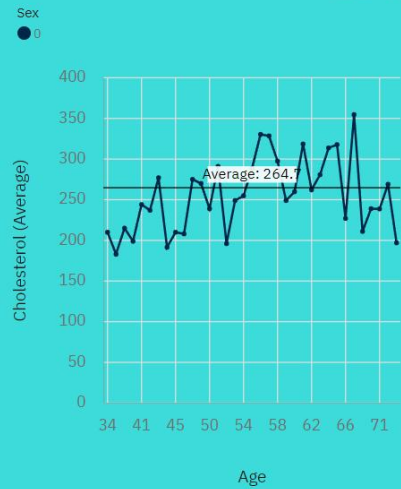
The above slide depicts the general view on the dataset like Total no. Of patients, No. of male patients, Average Age, Average Heart Rate, Average BP and Average Cholesterol. Also, graphs on Frequency of BP Values and Pie Chart on Patients Frequency - Gender wise are present in the slide.



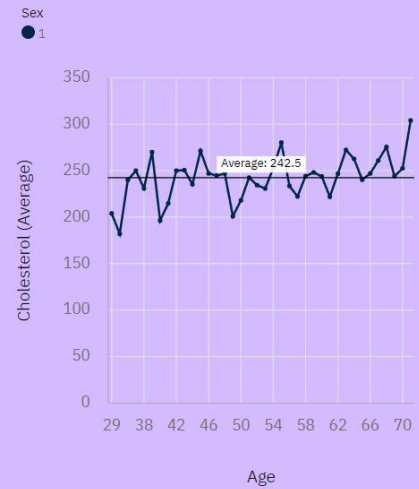
# Cholestrol of Patients

- The graphs shows the cholestrol of female patients and male patients respectively.
- Average Cholestrol of Female Patients : 264.7
- Average Cholestrol of Male Patients : 242.5

Cholestrol of Female Patients



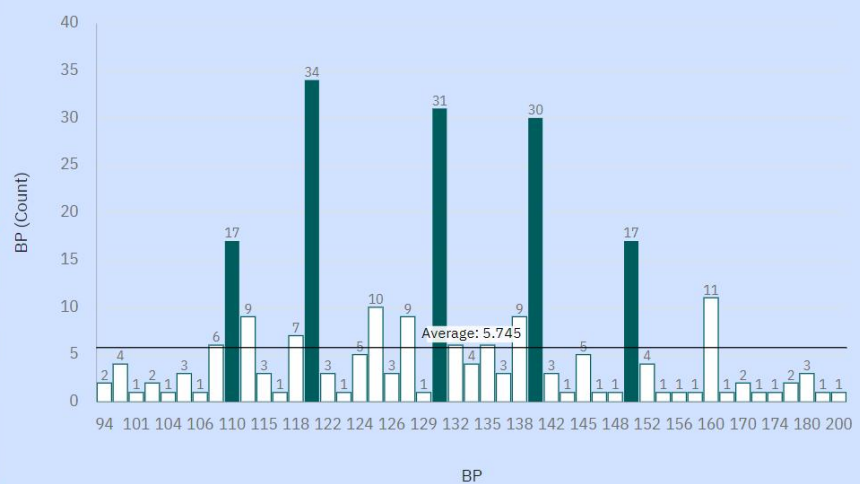
Cholestrol of Male Patients



# Frequency of BP Values

- This graph shows the frequency of each BP values.
- The counts are unusually high when the values of BP are 110, 120, 130, 140 and 150.

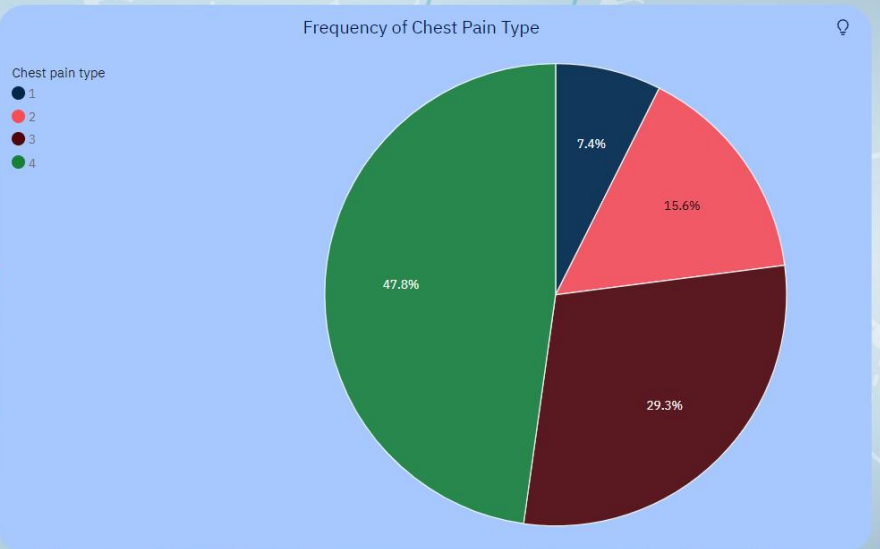
Frequency of BP





# Frequency of Chest Pain Type

- This pie chart shows the frequency of each BP values.
- Most of the patients have been affected by Chest Pain Type 4.

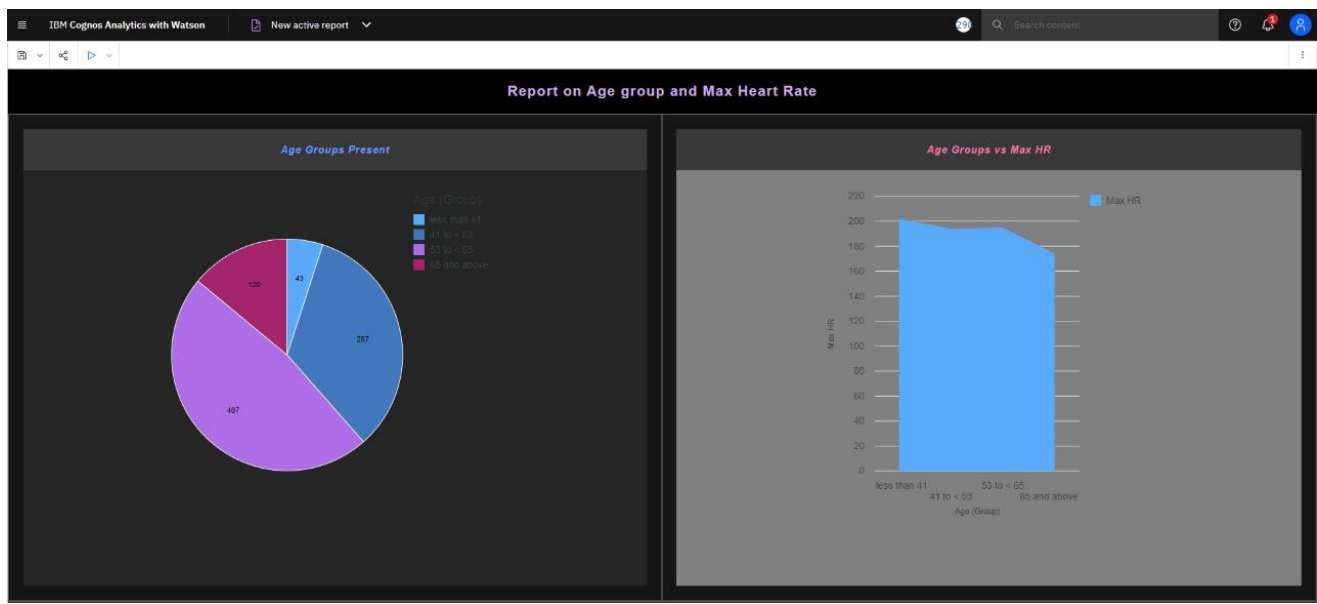


# Chest Pain w.r.t Age and Gender

This chart shows the relation between Chest Pain and Age and Gender.



## Report:



The above report shows a pie chart of different age categories and Area Graph between Age Groups vs Max HR.