

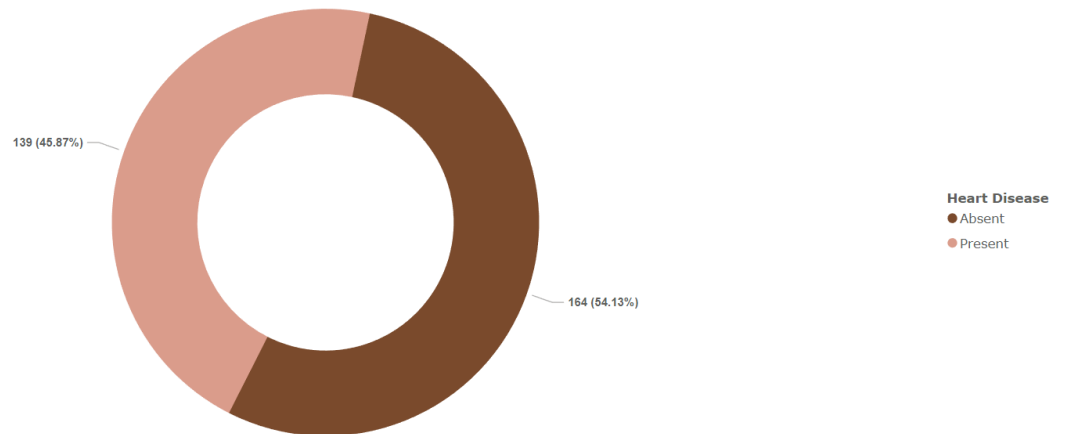
Heart Disease Diagnostic Analysis

Wireframe Documentation

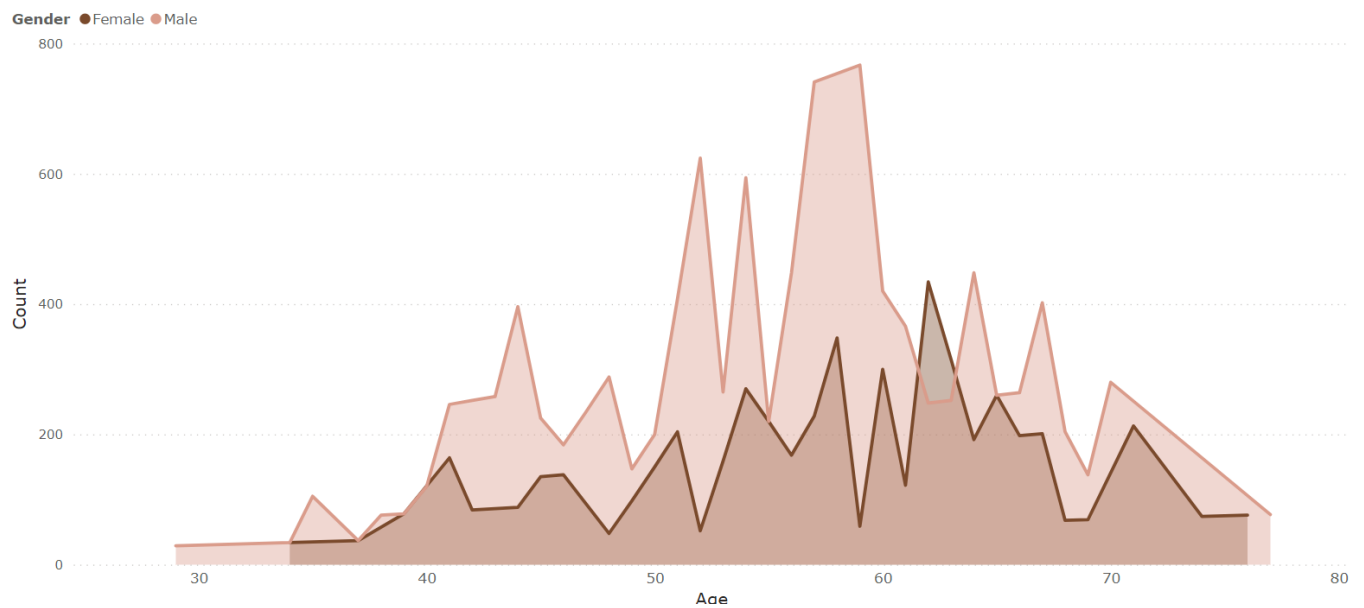
We Performed Exploratory Data Analysis on Jupyter Notebook and then created a Power BI Desktop Dashboard

1. What Kind of Population do we have?

[Back to report](#) | HEART DISEASE



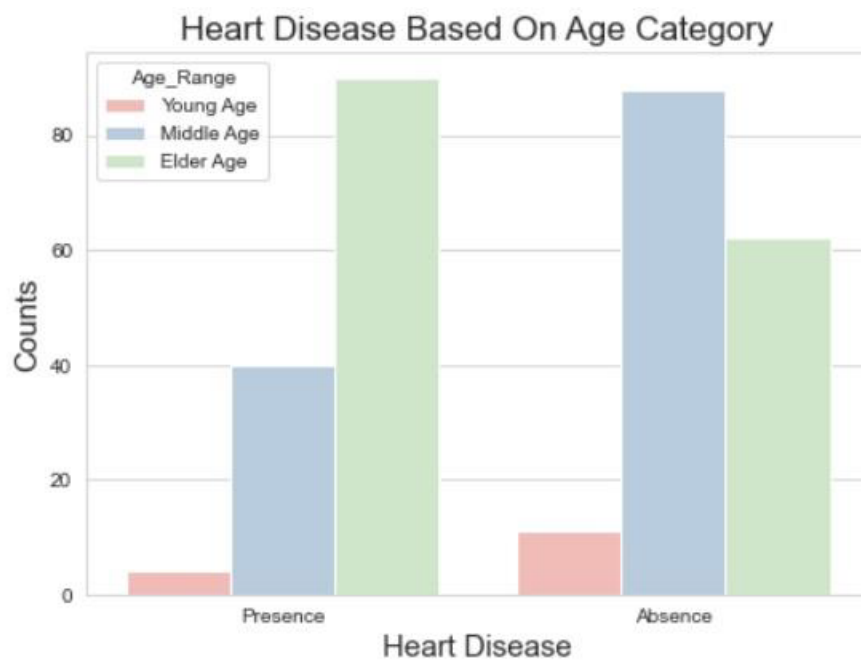
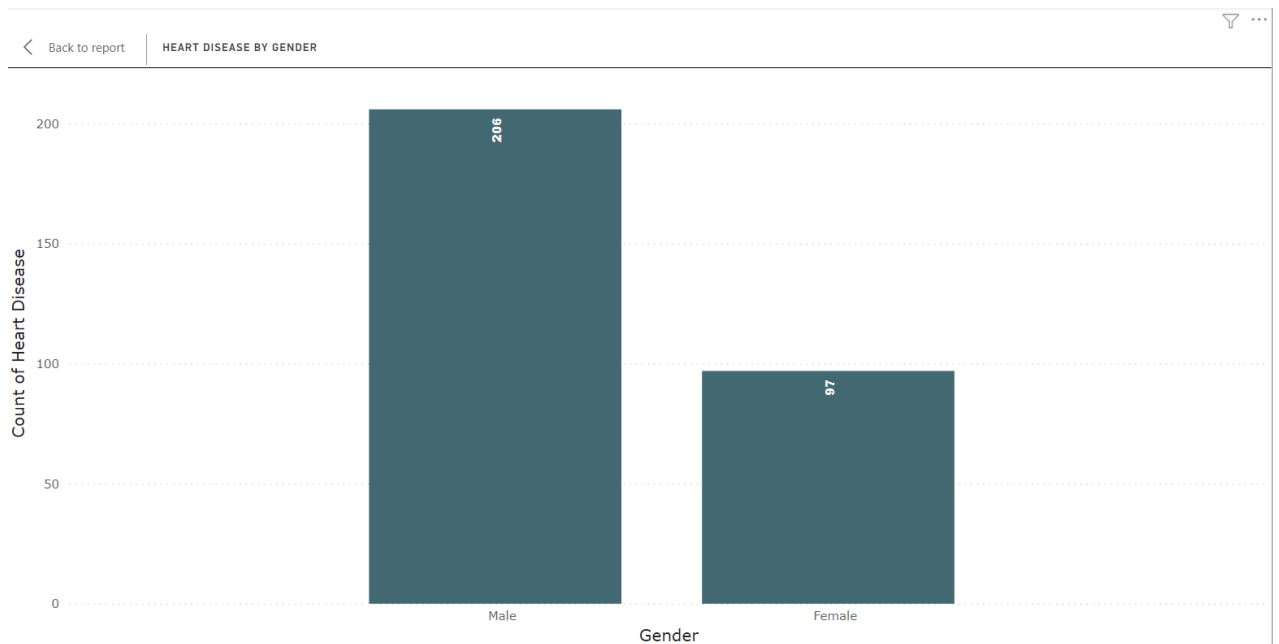
[Back to report](#) | DISTRIBUTION OF AGE



Observations: -

- 45.87% People suffering from heart disease.
- Elderly Aged Men are more (50 to 60 Years) and Females are more in 55 to 65 Years Category

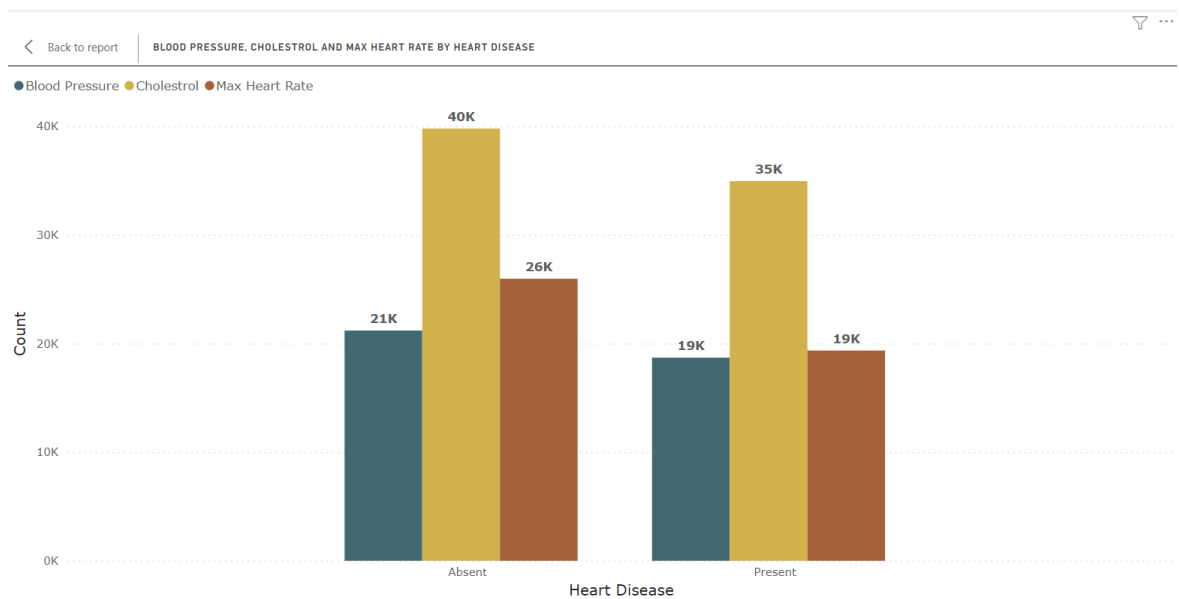
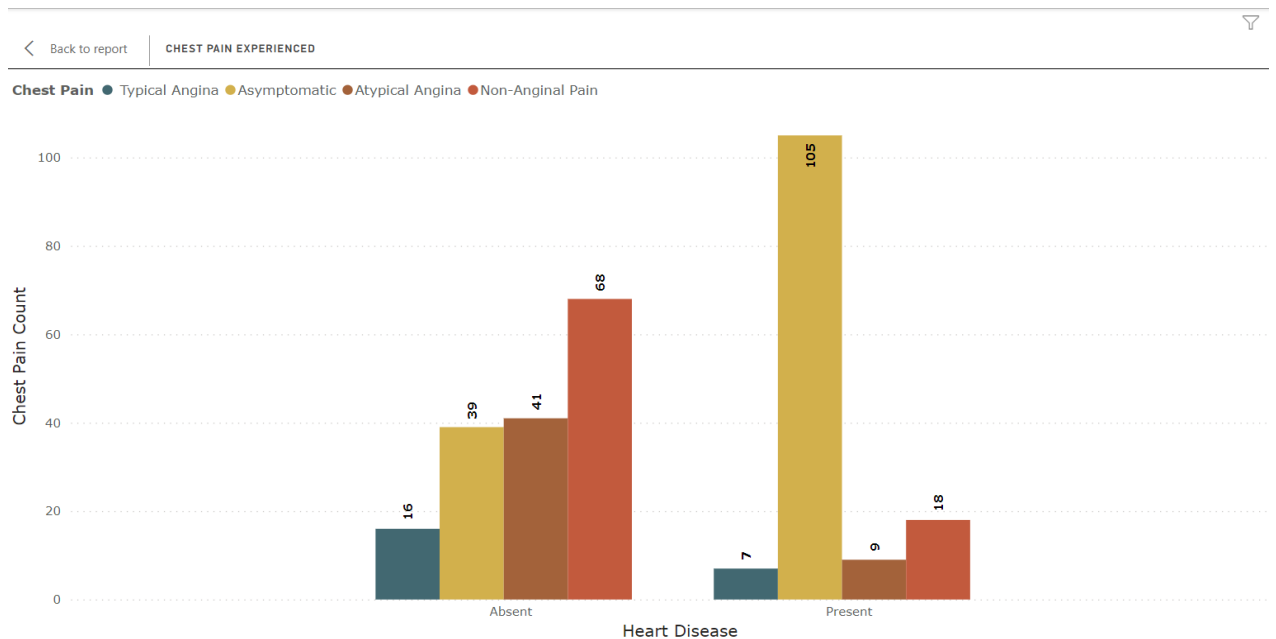
2. Who Suffer from Heart Disease?



Observations: -

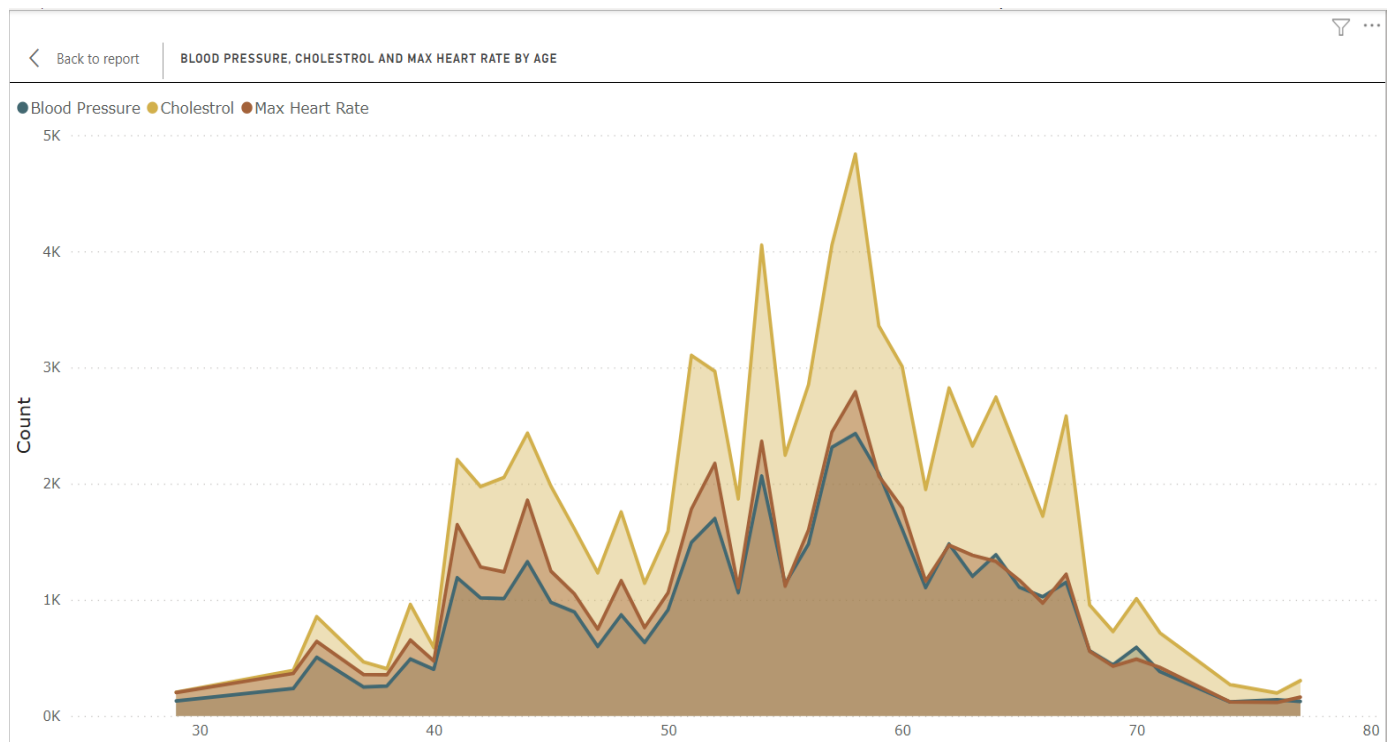
- Males are more prone to heart disease.
- Elderly Aged People are more prone to heart disease.

3. What symptoms people experience in heart disease?



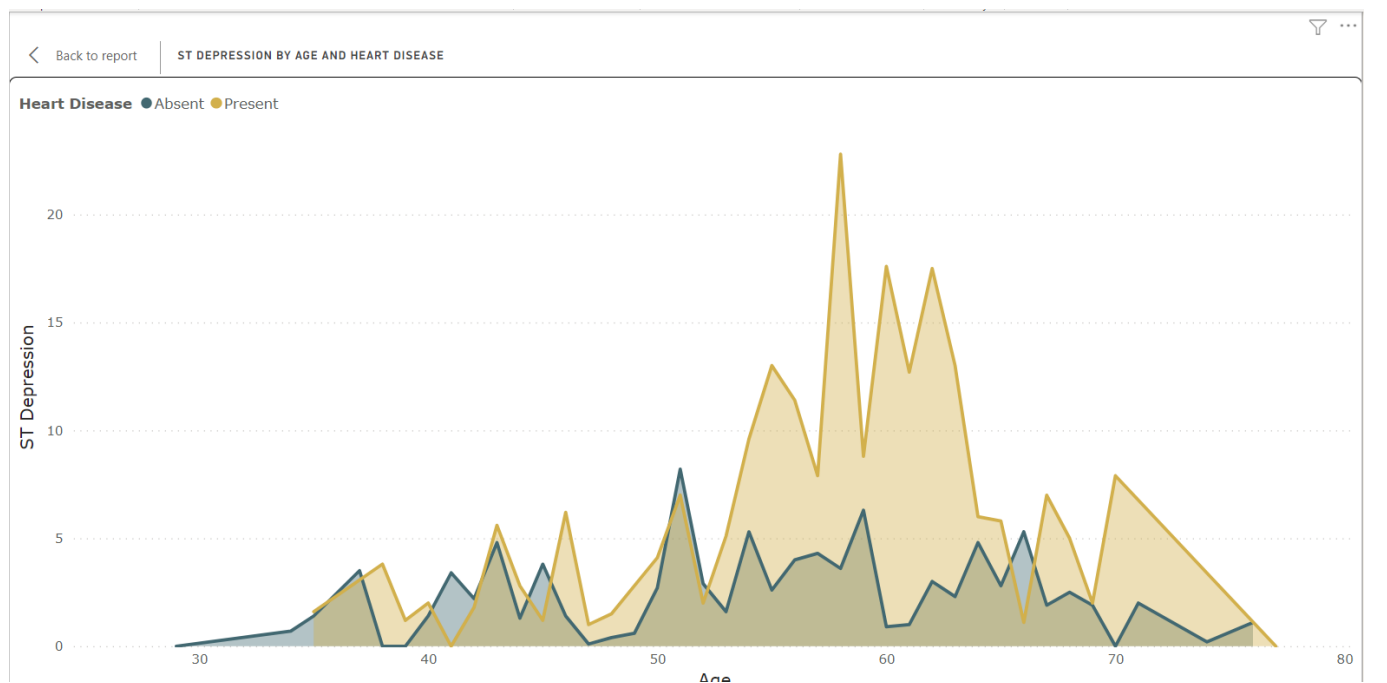
Observations: -

- It seems people having asymptomatic chest pain have a higher chance of heart disease.
- Asymptomatic Chest pain means neither causing nor exhibiting symptoms of heart disease.
- It seems high number of cholesterol level in people having heart disease.



Observation: -

- Here we can observe that Blood Pressure increases between age of 50 to 60 and somehow continue the pattern till 70.
- Similarly, Cholesterol and maximum heart rate Increasing in the age group of 50-60.



Observation: -

- We can observe from here that ST depression mostly increases between the age group of 30-40.
- ST depression refers to a finding on an electrocardiogram, wherein the trace in the ST segment is abnormally low below the baseline.