

# Wireframe Document

## Heart Disease Diagnostic Analysis



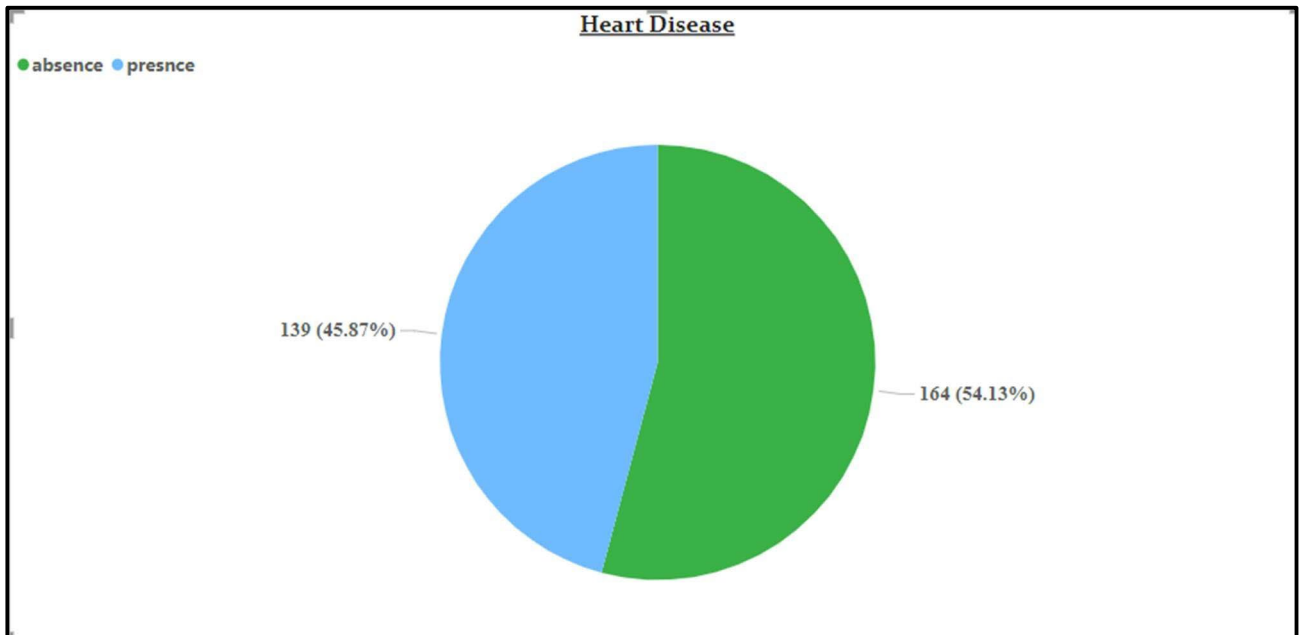
MANISHA PURUSHWANI

## Document Version Control

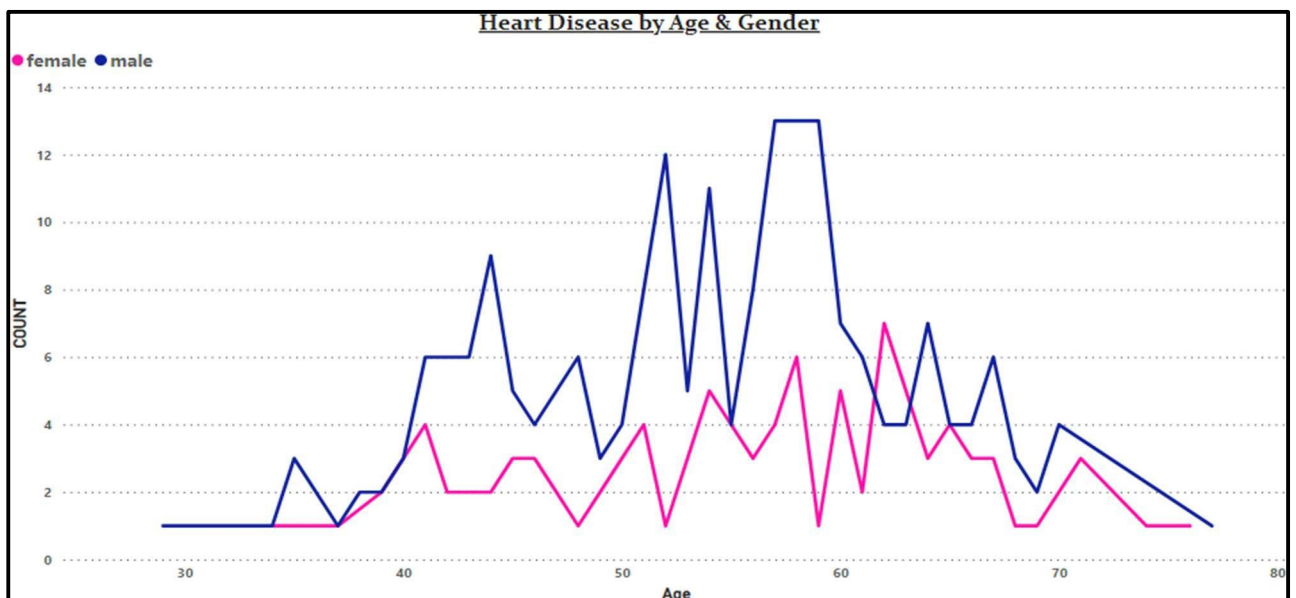
Date Issued	Version	Description	Author
17/05/2024	1.0	Introduction, Problem Statement	Manisha
18/05/2024	1.1	Dataset Information, Architecture Description	Manisha
23/05/2024	1.2	Final Revision	Manisha

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

### 1. What Kind of Population do we have?

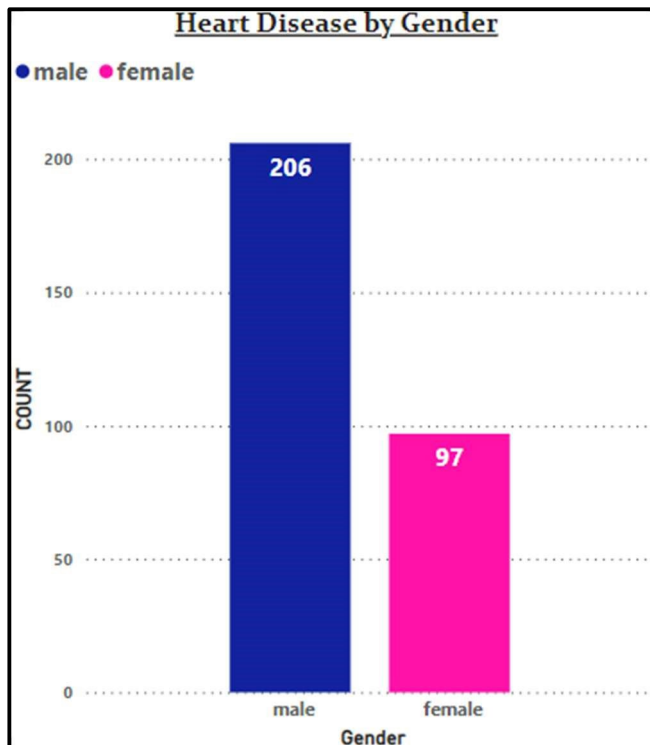


□ 45.87% People are suffering from heart disease.

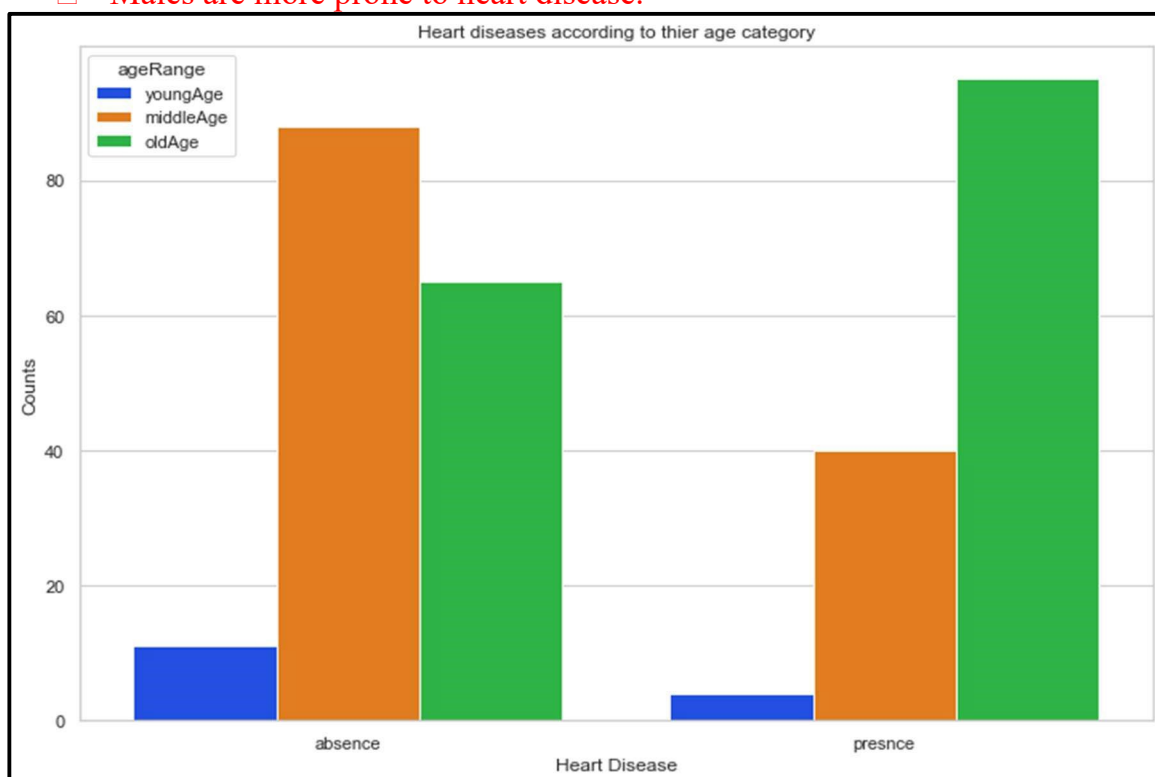


□ Old Aged Men are more (50 to 60 Years) and Females are more in 55 to 65 Years Category.

### 2. Who Suffer from Heart Disease?

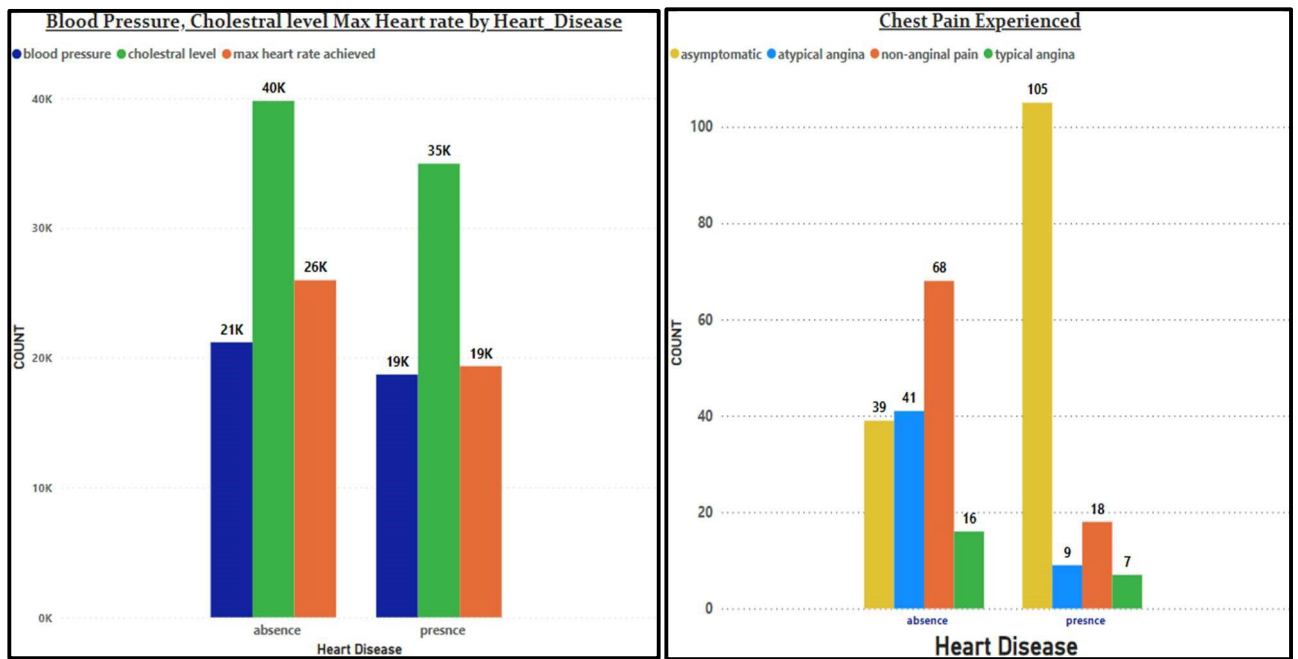


□ Males are more prone to heart disease.

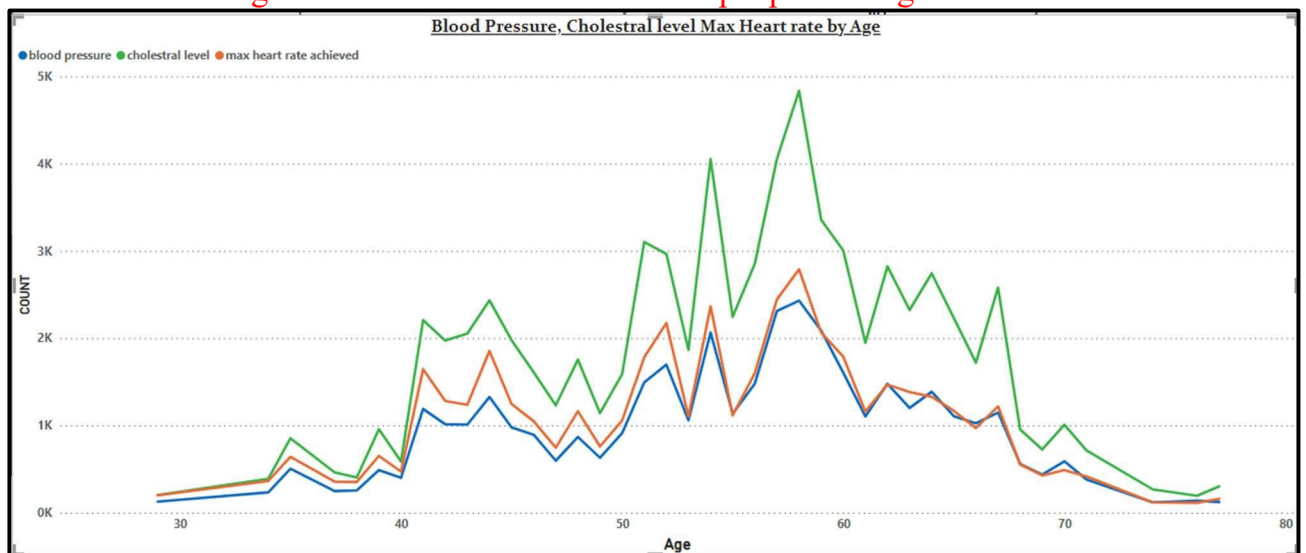


□ Old Aged people are more prone to heart disease.

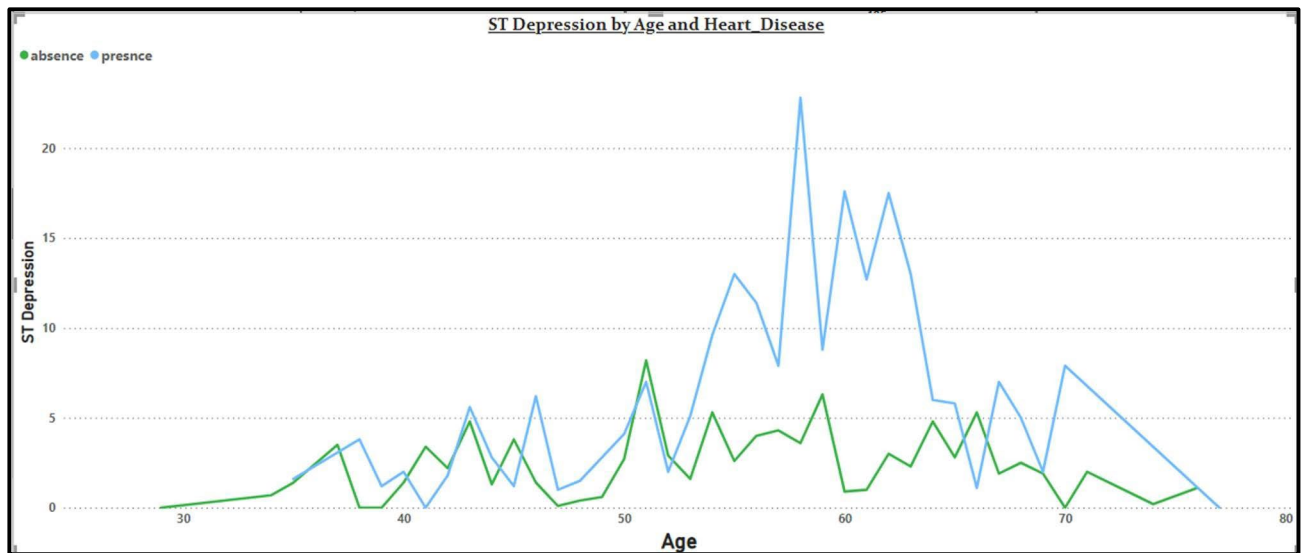
3. What symptoms people experience in heart disease?



- ☐ 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.



- ☐ 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.



- ☐ 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.