# Wireframe Document

# Heart Disease Diagnostic Analysis
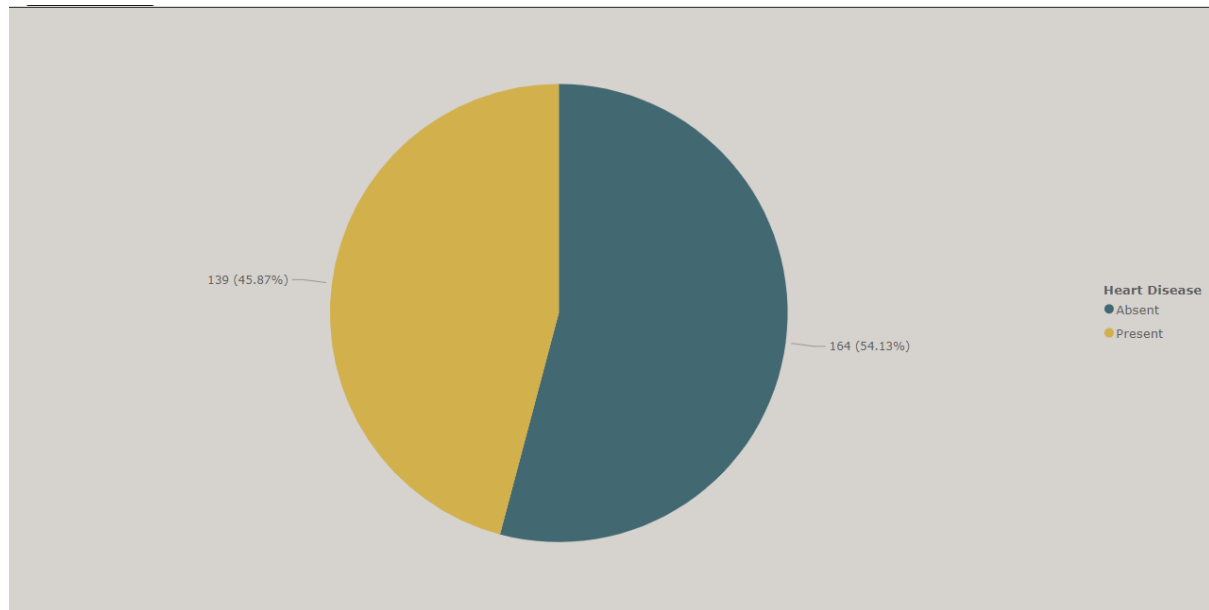


# ARPAN DATTA

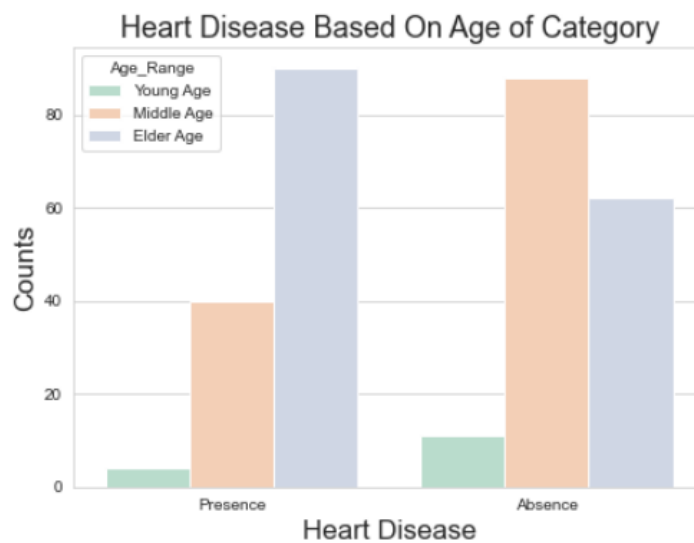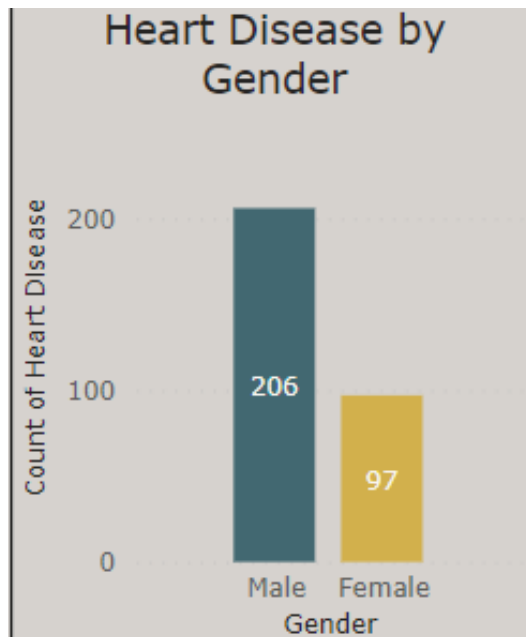## Document Control

| Date | Version | Description | Author |
|------|---------|-------------|--------|
| 02/09/2022 | 1.0 | Introduction, Problem Statement | **Arpan Datta** |
| 10/09/22 | 1.1 | Dataset Information, Architecture Description | **Arpan Datta** |

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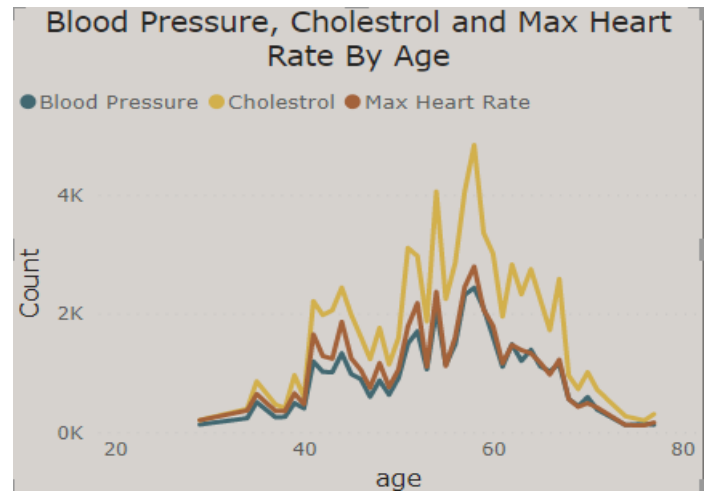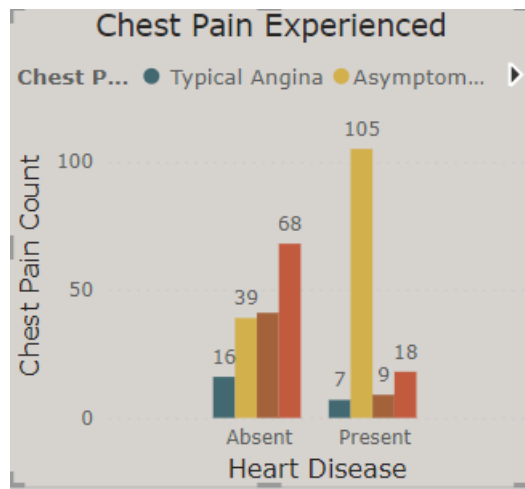




- 45.87% People suffering from heart disease.
- Elderly Aged Men are more (50 to 60 Years) and Females are more in 55 to 65 Years Category.

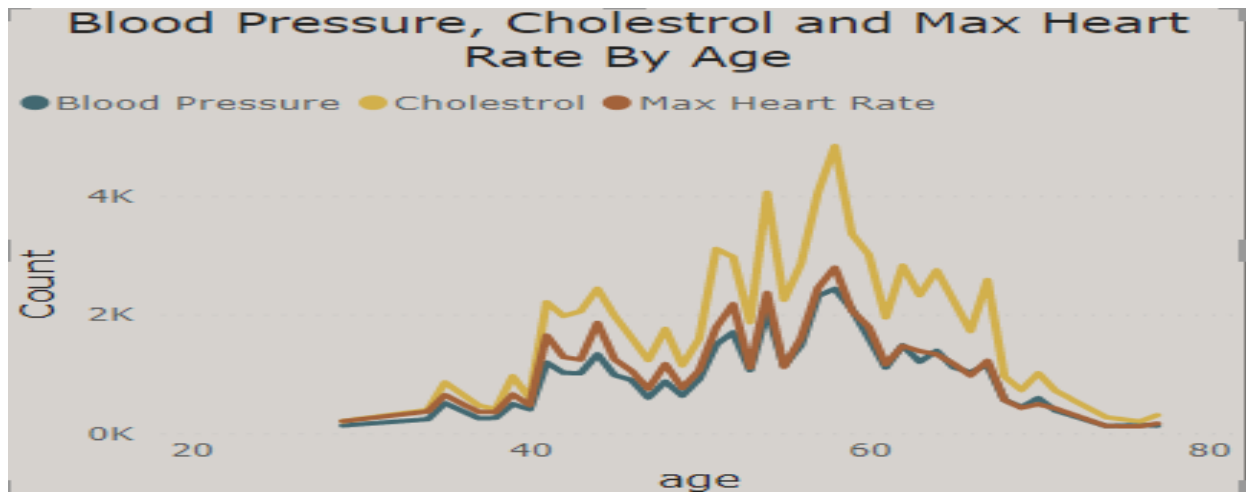## 2. Who Suffer from Heart Disease?





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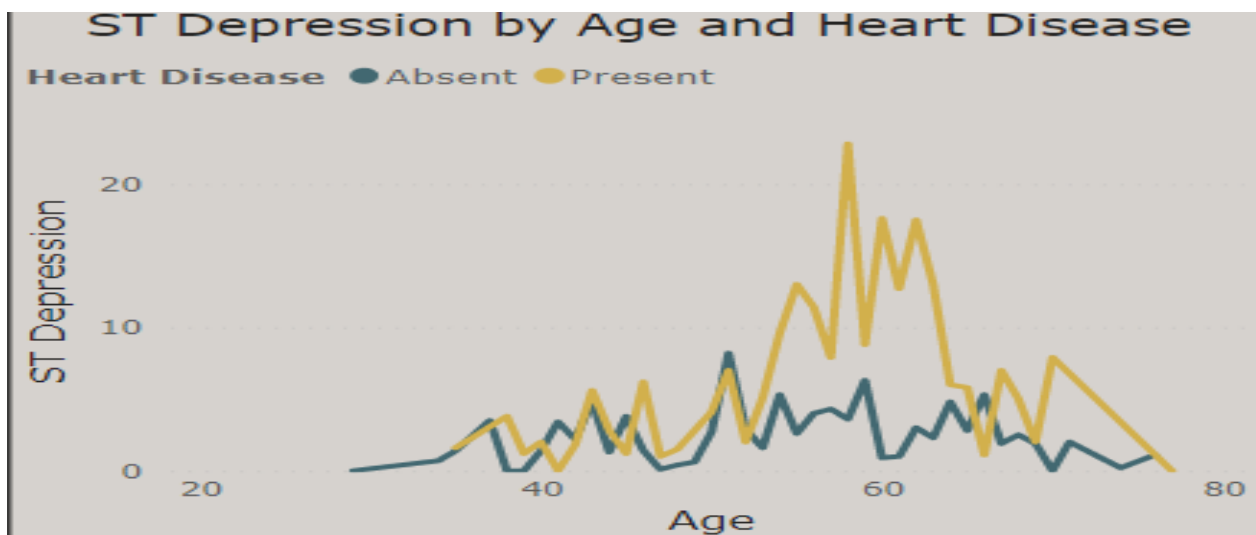- Elderly Aged People are more prone to heart disease

## 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