

Wireframe Document

Heart Disease Diagnostic Analysis

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Document Version Control

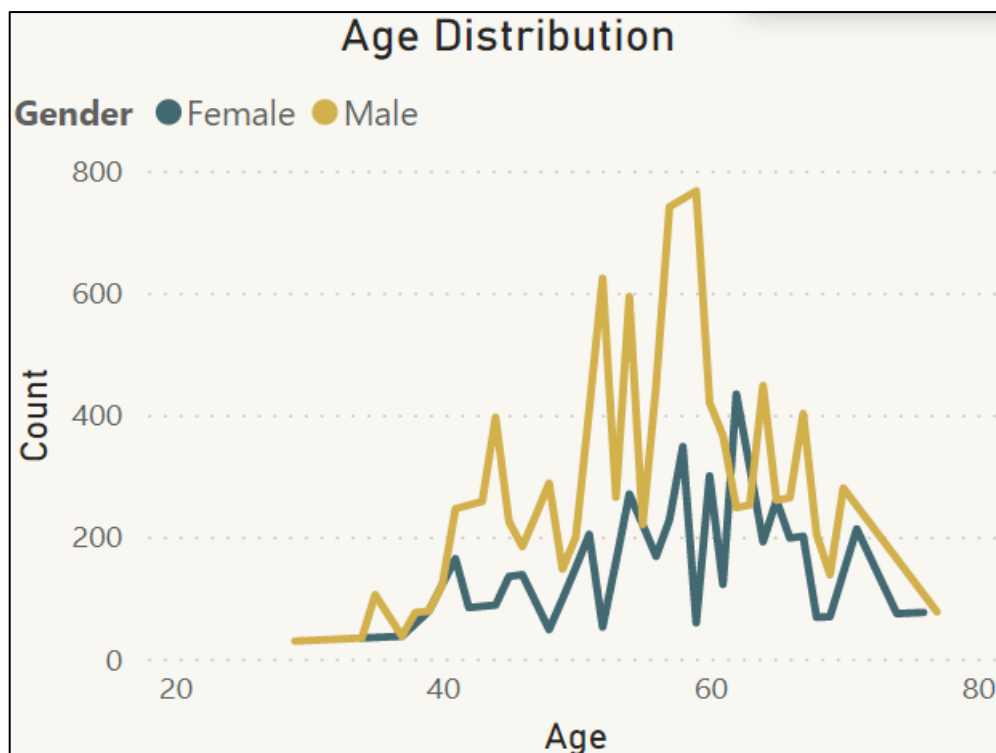
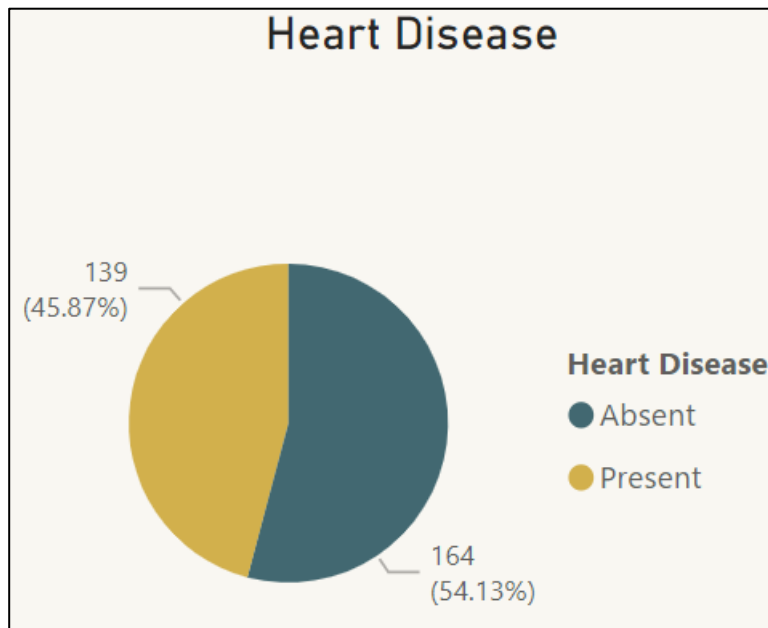
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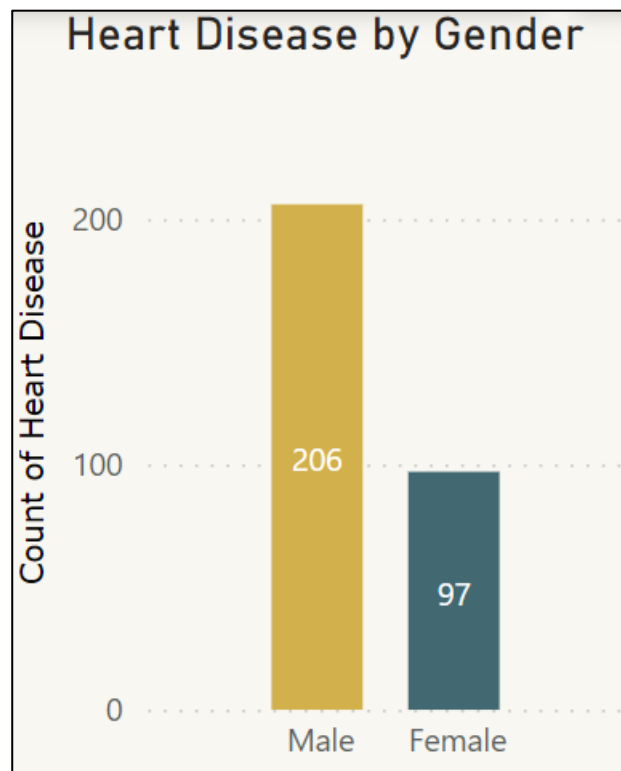
We Performed Exploratory Data Analysis on Jupyter Notebook and then created a Power BI Desktop Dashboard.

1. What Kind of Population do we have?



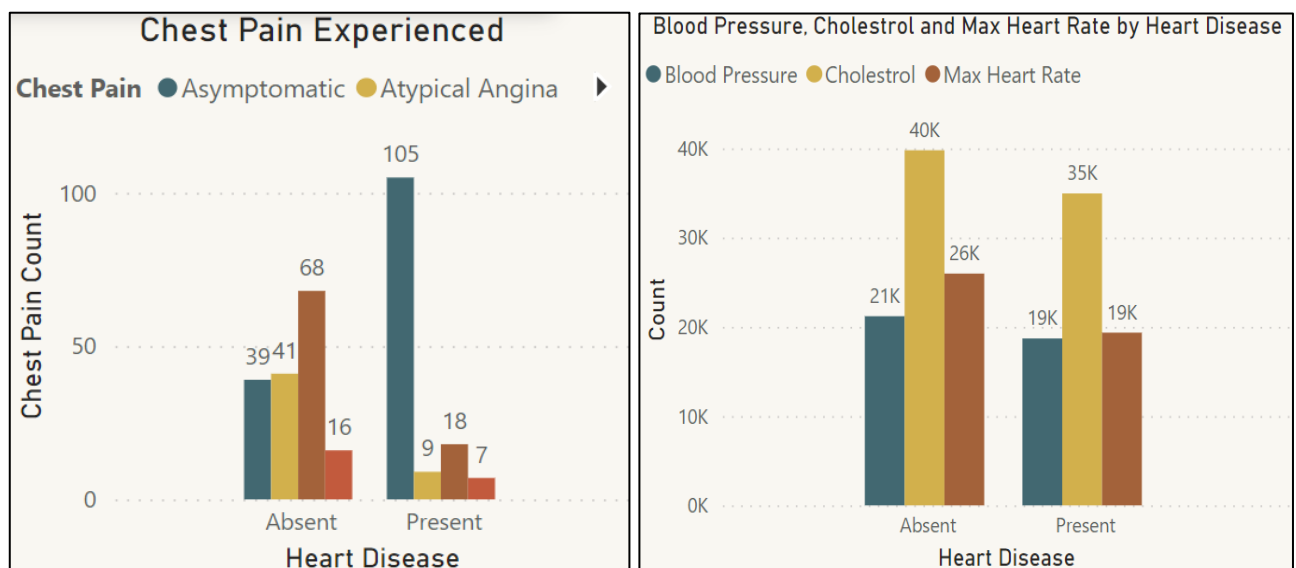
- 45.87% of People suffering from heart disease.
- Elderly Aged Men are more (50 to 60 Years) and Females are more in 55 to 65 Years Category.

2. Who Suffer from Heart Disease?



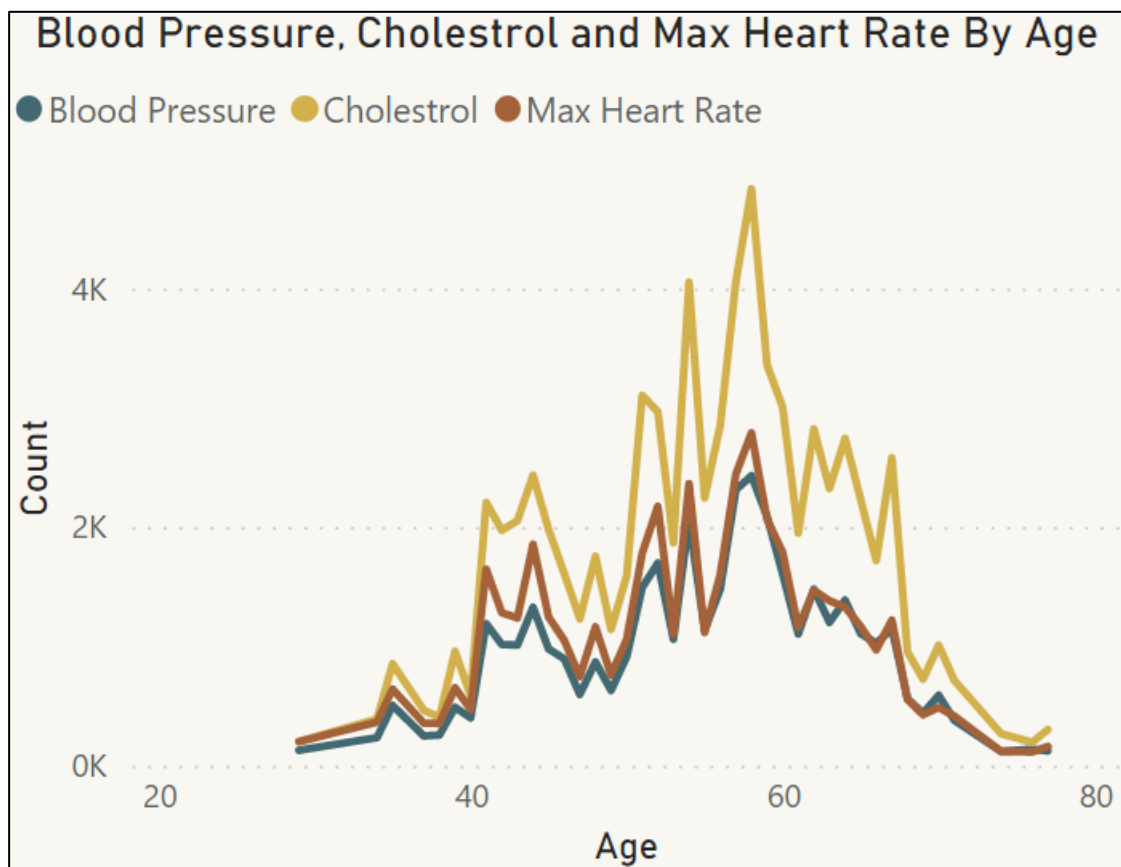
- Males are more prone to heart disease.
- Elderly Aged People are more prone to heart disease.

3. What symptoms do people experience of heart disease?



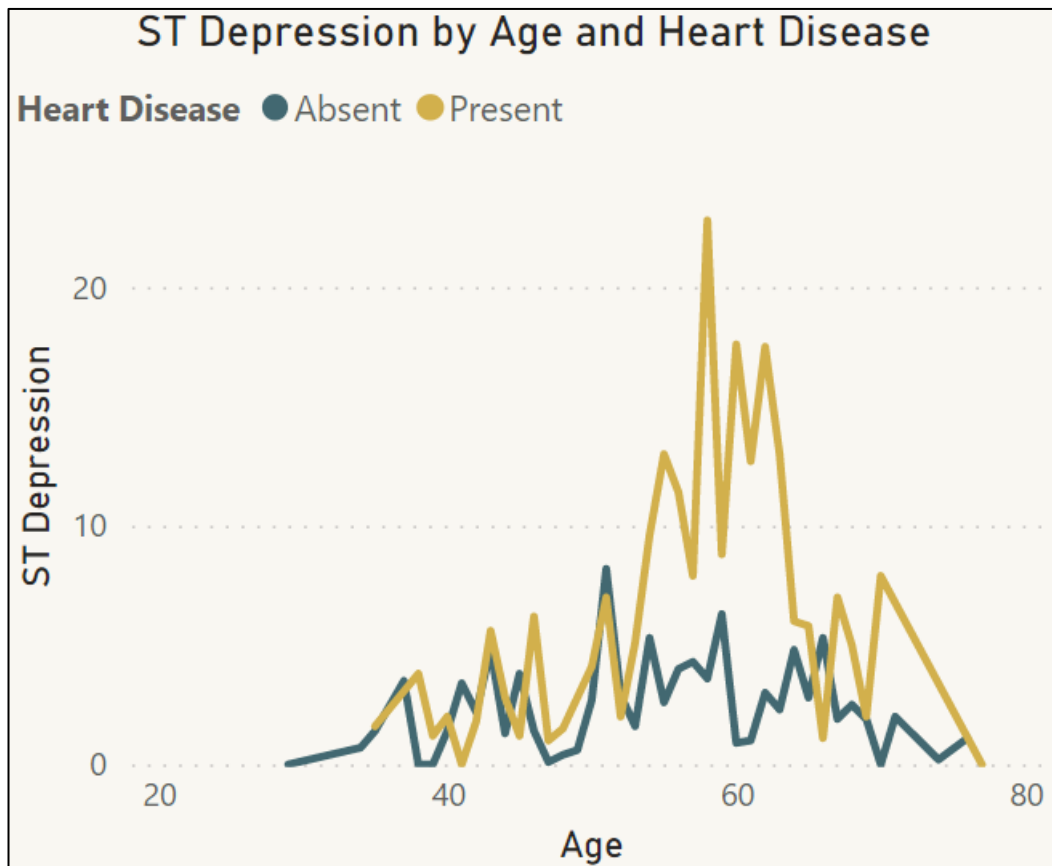
- It seems people having asymptomatic chest pain have a higher chance of heart disease.
- Asymptomatic Chest pain means neither causing nor exhibiting symptoms of heart disease.
- It seems high number of cholesterol level in people having heart disease.

4. Blood Pressure, Cholestrol and Max Heart Rate by Age



- Here we can observe that Blood Pressure increases between the 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.

5. ST Depression by Age and Heart Disease



- we can observe from here that ST depression mostly increases between the age group of 50-65.
- ST depression refers to a finding on an electrocardiogram, wherein the trace in the ST segment is abnormally low below the baseline.