Wireframe Document

Heart Disease Diagnostic Analysis
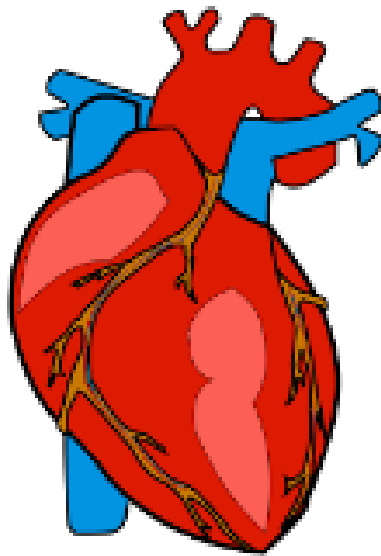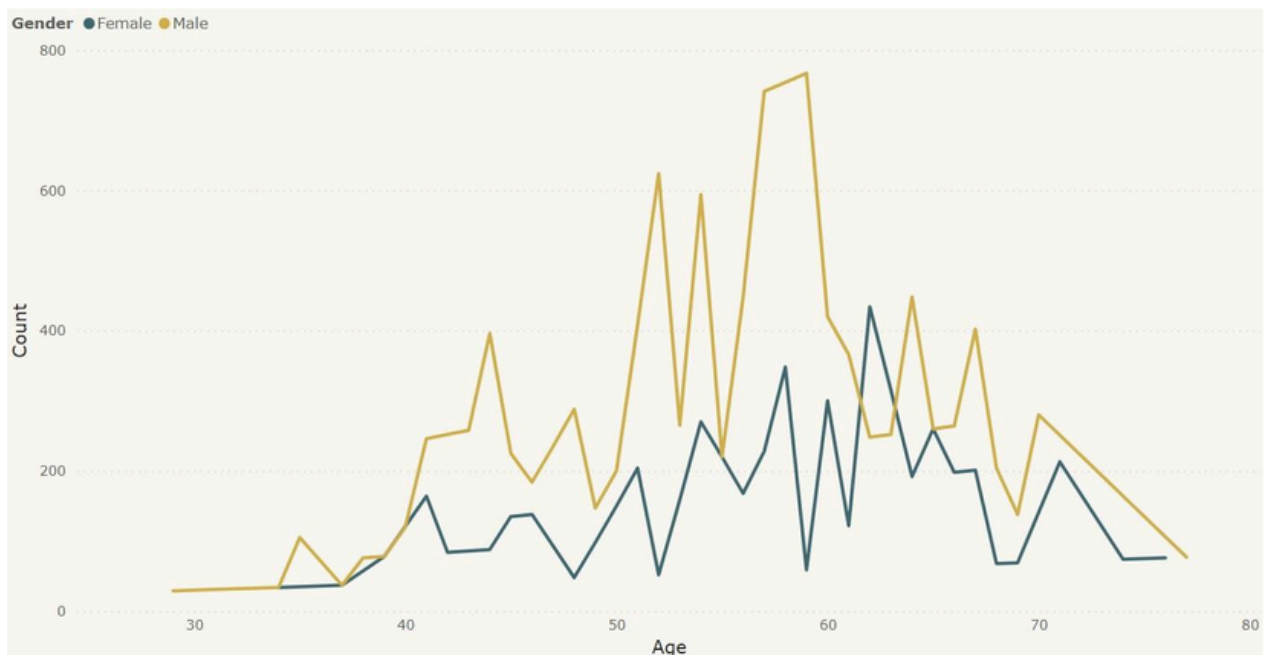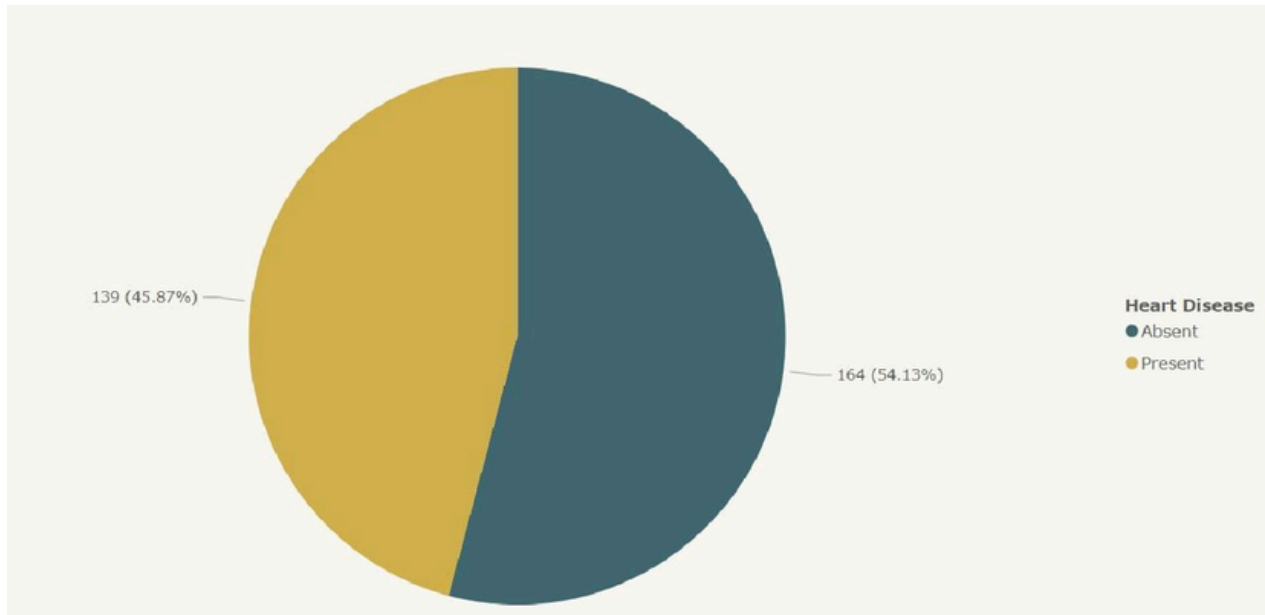
Document Control

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25/11/2024	1.0	Introduction, Problem Statement	3-4
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25/11/2025	1.2	Final Revision	

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 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?

Heart Disease by Gender

Heart Disease Based On Age Category
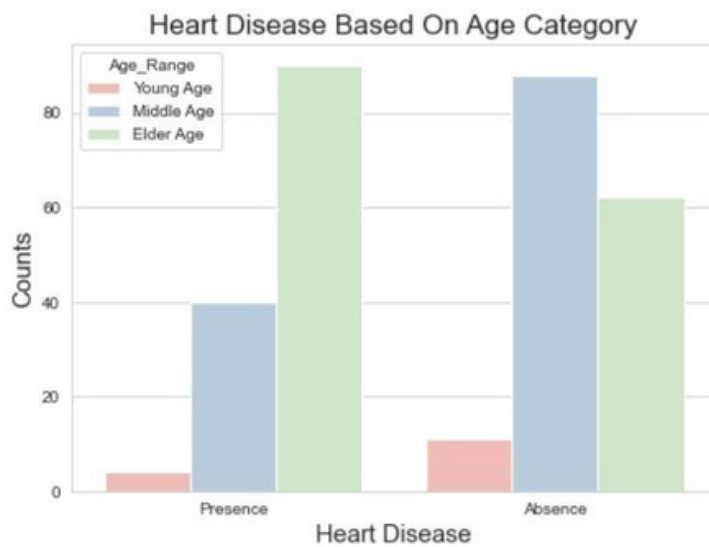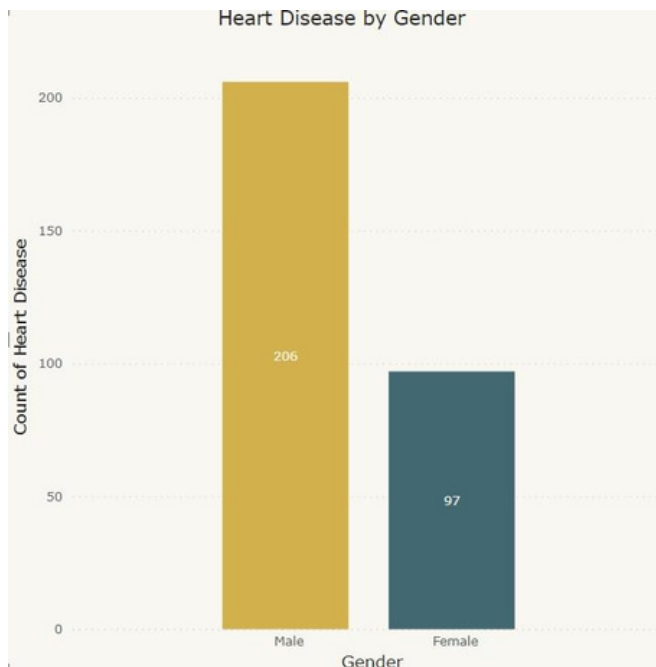
➢ Males are more prone to heart disease.

➢ Elderly Aged People are more prone to heart disease.

3. What symptoms people experience in heart disease
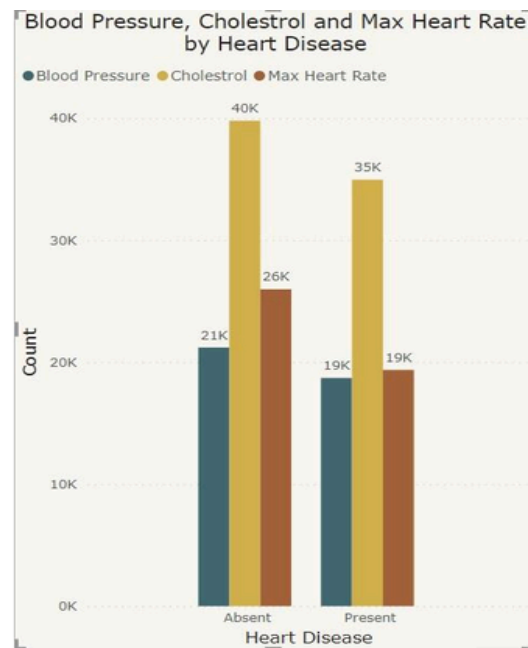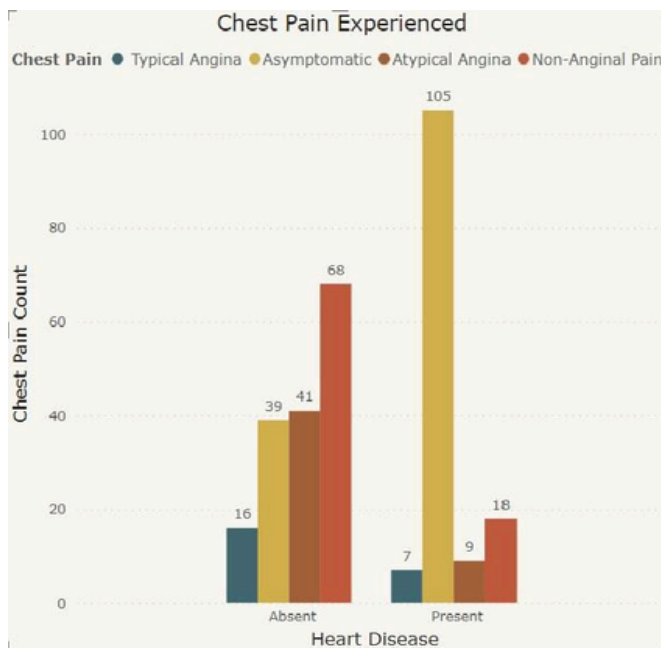
➢ It seems people having asymptomatic chest pain have a higher chance of heart disease.

➢ Asymptomatic Chest pain means neither causing nor exhibiting symptoms of heart disease.

➢ It seems high number of cholesterol level in people having heart disease.

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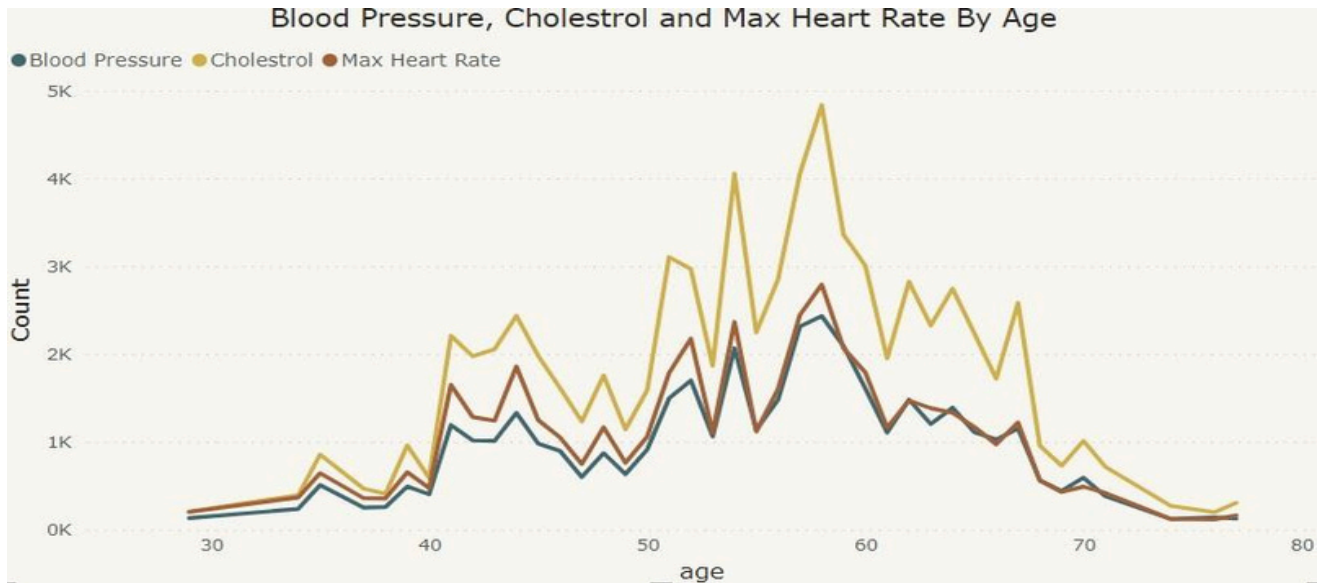
- ➢ Here we can observe that Blood Pressure increases between age of 50 to 60 and somehow continue the pattern till 70.
- ➢ Similarly, Cholesterol and maximum heart rate Increasing in the age group of 50-60.

ST Depression by Age and Heart Disease
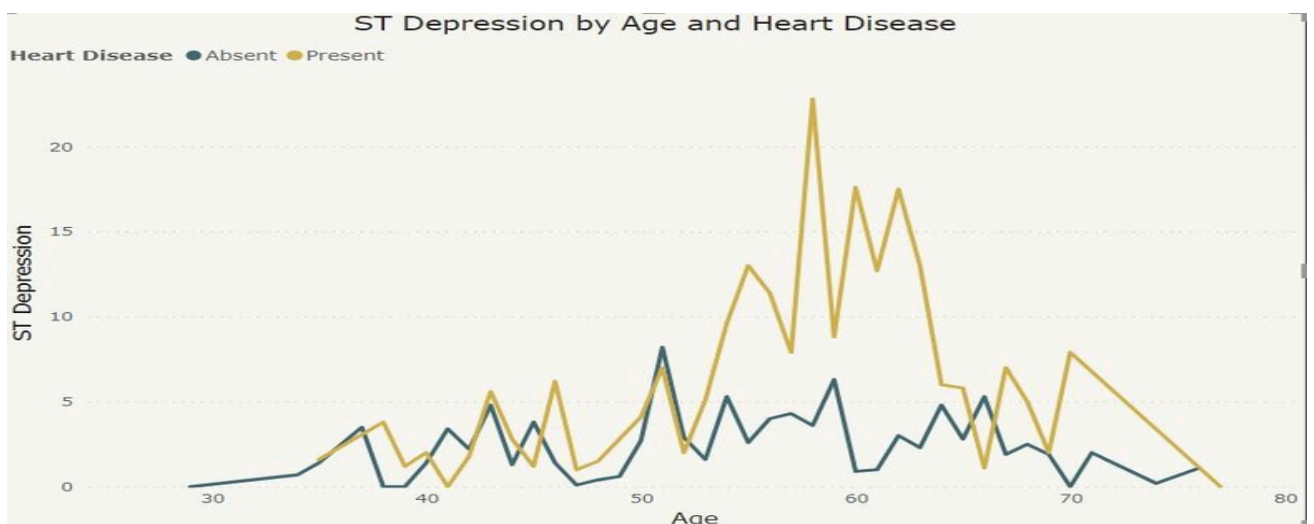
- ➢ we can observe from here that ST depression mostly increases between the age group of 30-40.
- ➢ ST depression refers to a finding on an electrocardiogram, wherein the trace in the ST segment is abnormally low below the baseline.