Heart Disease Diagnostic Analysis
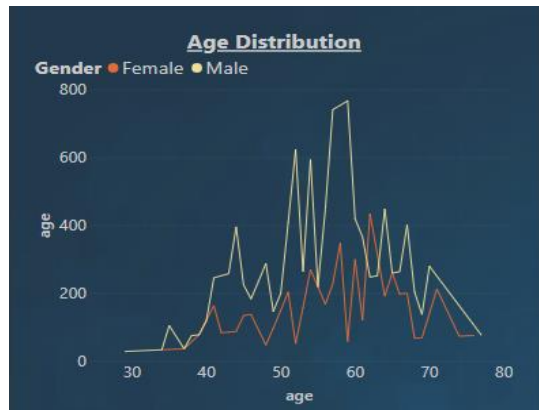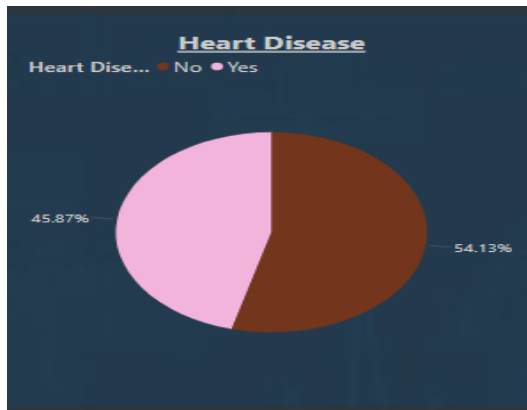
Wireframe

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I have Performed some Exploratory Data Analysis on Jupyter Notebook and then created a Power BI Desktop Dashboard.
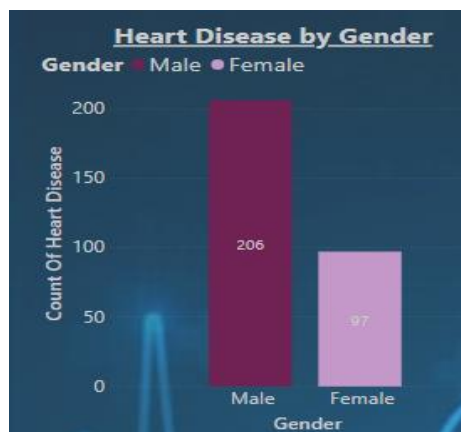
1. What Kind of Population do we have?

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.
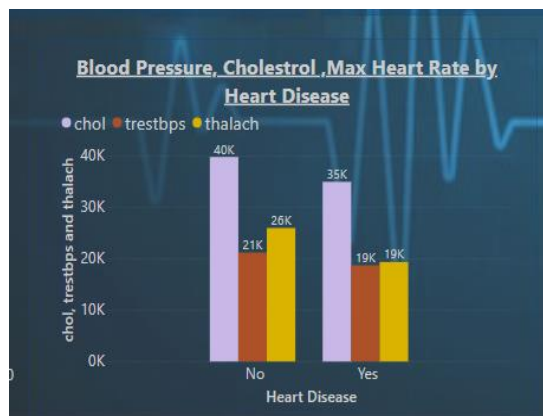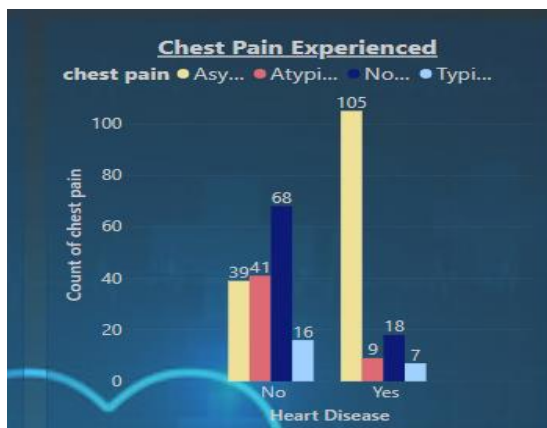
2. Who Suffer from Heart Disease?
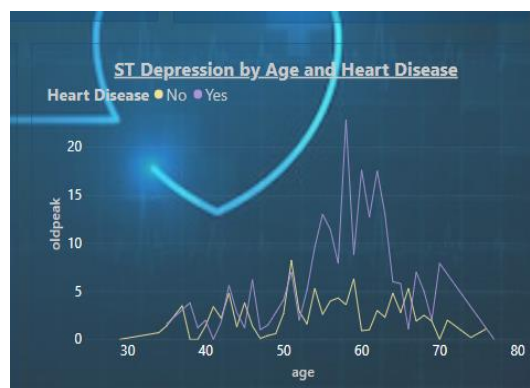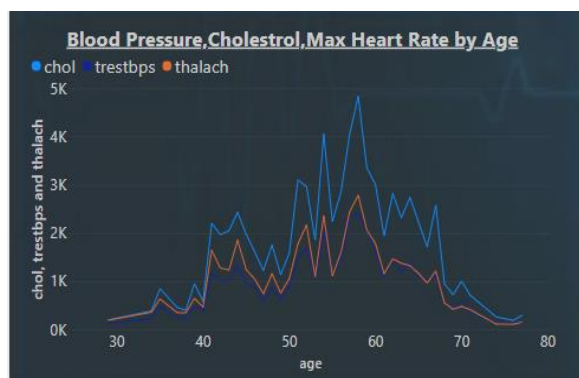

Observations:

- Males are more prone to heart disease.

3. What symptoms people experience in heart disease

Observations:

- From above fig. we can say that 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.

Observations:
- From above graph we can say 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.
- From above graph we can say 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