

## Wireframe Document

# Heart Disease Diagnostics Analysis



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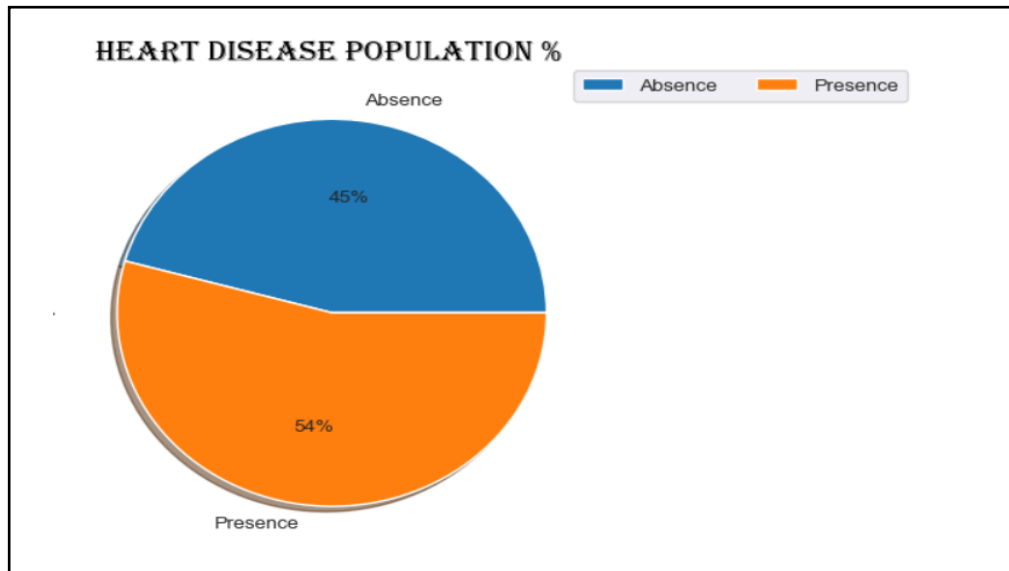
### Document Version Control

Date Issued	Version	Description	Author
09/02/2024	1.0	Introduction, Problem Statement	Sai Vamshidhar
10/02/2024	1.1	Dataset Information, Architecture Description	Sai Vamshidhar
11/02/2024	1.2	Final Revision	Sai Vamshidhar

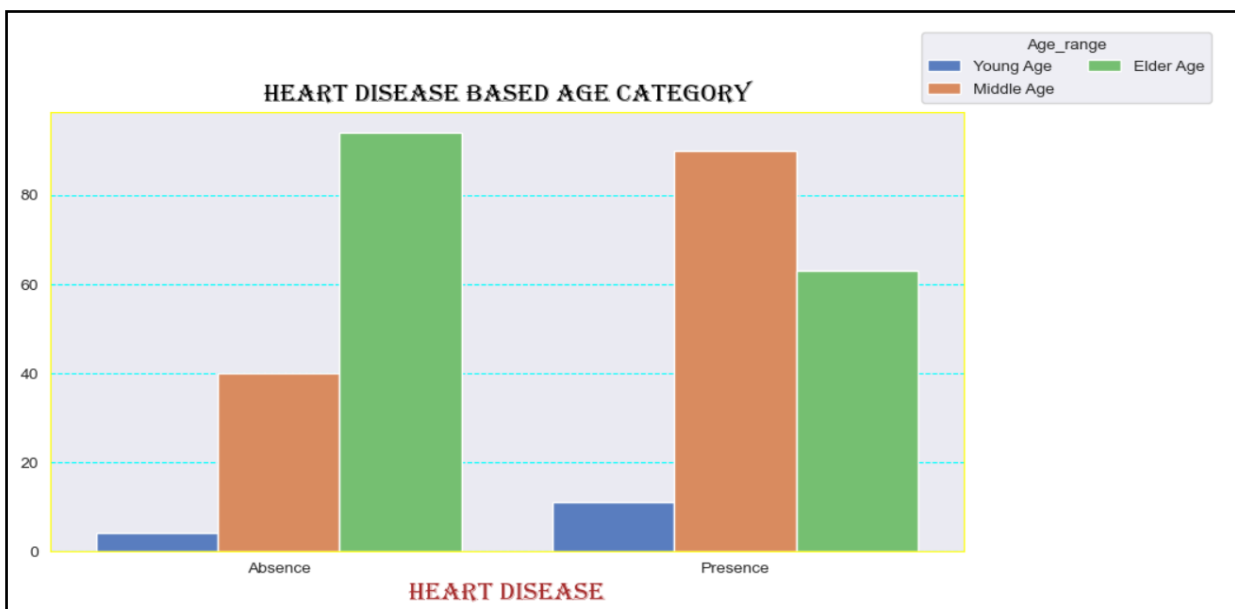
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We Performed Exploratory Data Analysis on Jupyter Notebook and then created a Power BI Desktop Dashboard.

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

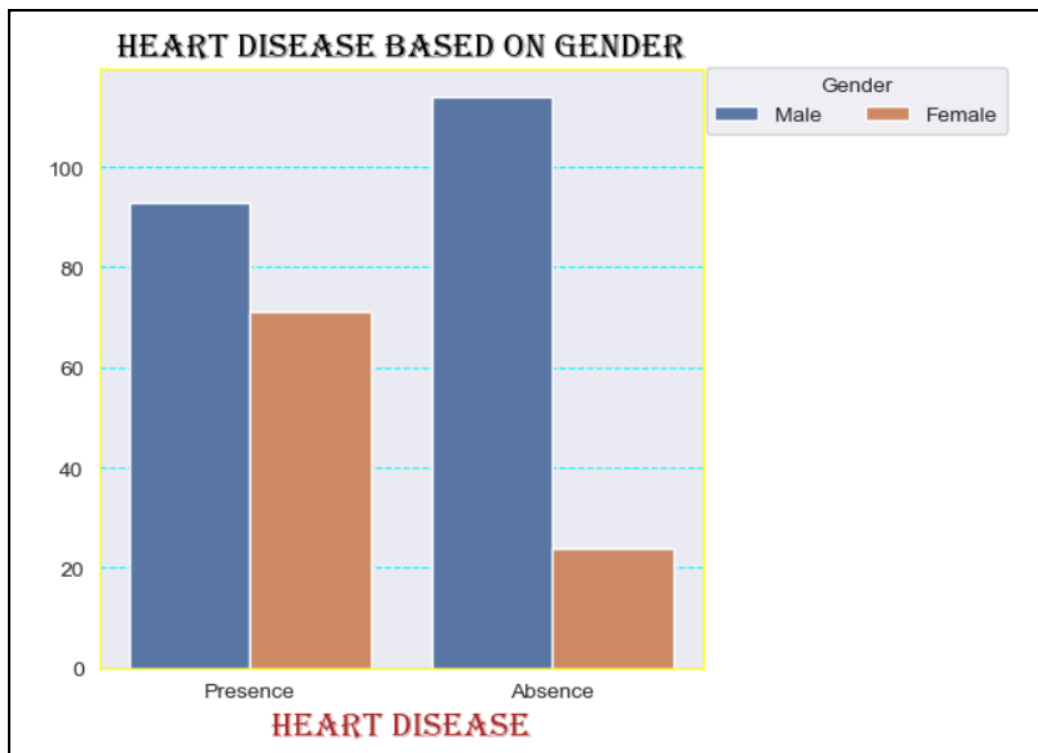


❖ 54% People are suffering from heart disease.

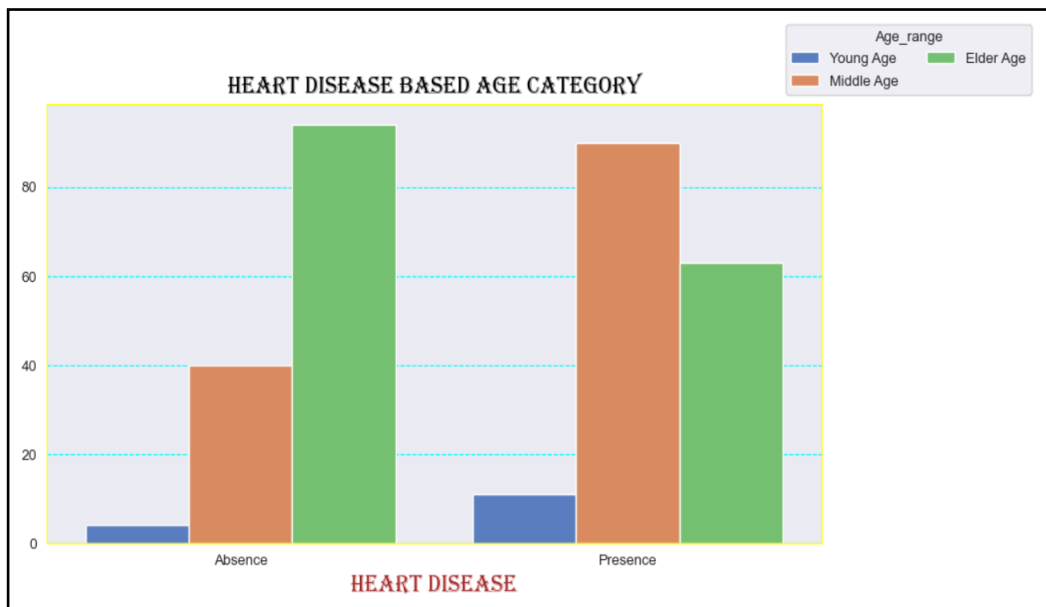


❖ Middle age people at the age of (40-55 years) are more effected by heart disease.

### 2. Who Suffer from Heart Disease?

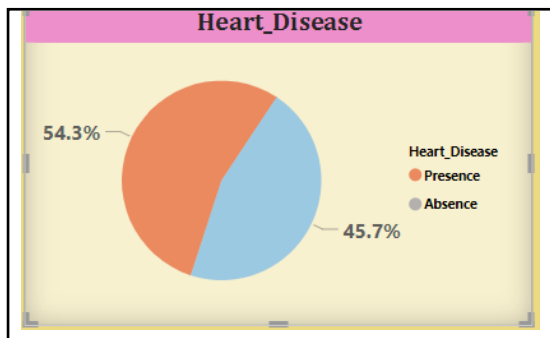
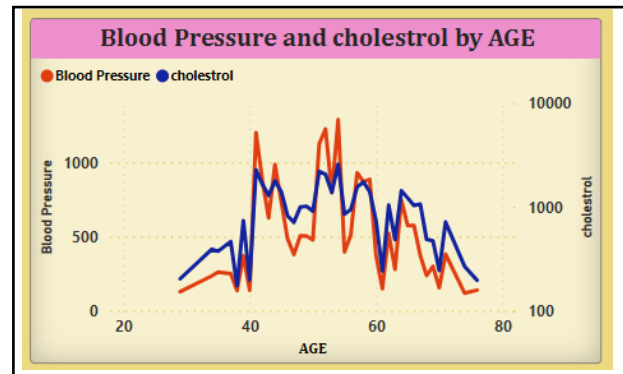
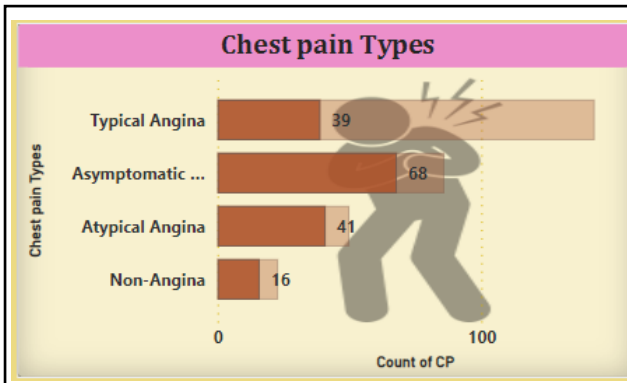


❖ Males are more Prone to heart disease.

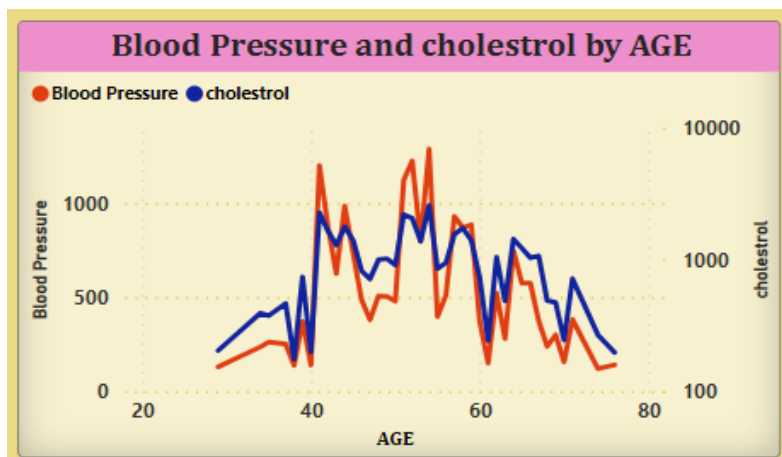


❖ Middle age people are more prone to heart disease.

## 3. What symptoms people experience in heart disease?

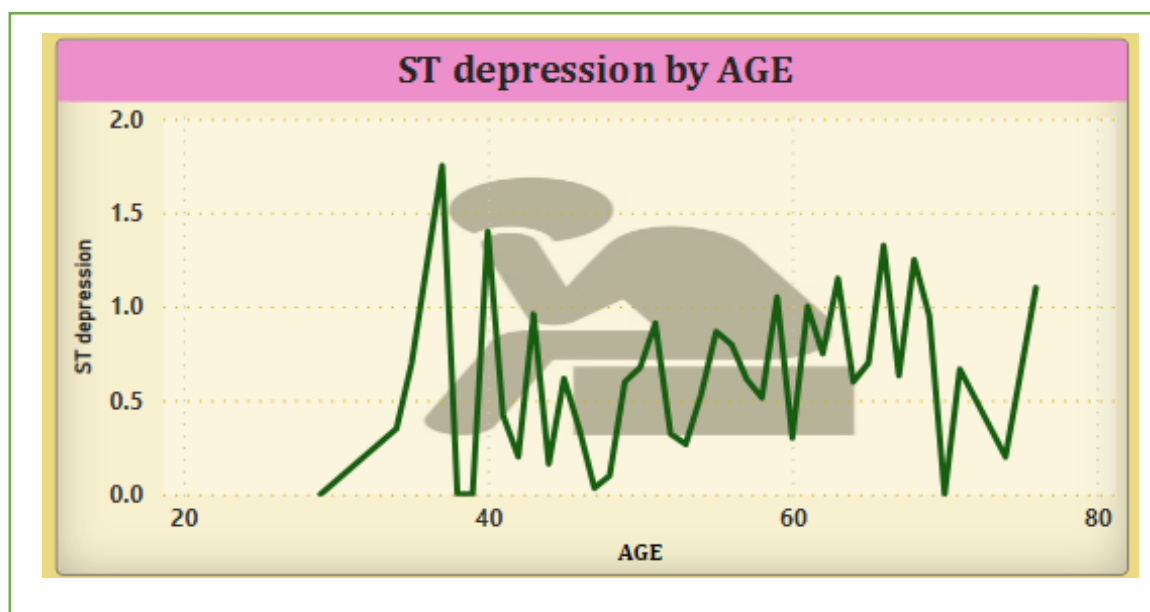
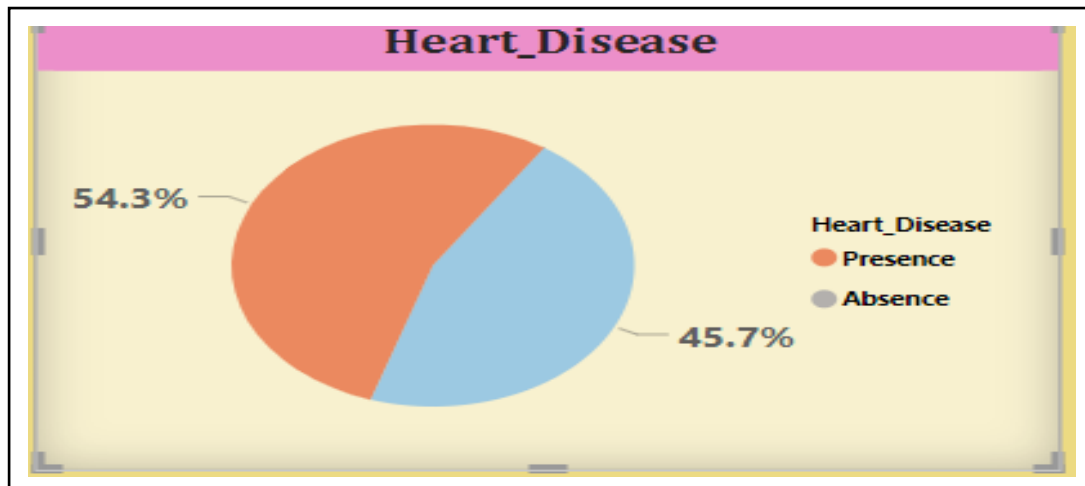


- ❖ It seems people having asymptomatic chest pain have a higher chance of heart disease.
- ❖ Asymptomatic Chest pain means neither causing nor exhibiting symptoms of heart disease.
- ❖ It seems high number of cholesterol level and blood pressure level in people having heart disease.



- ❖ Here we can observe that Blood pressure increases between age of 50-60 and somehow continue the pattern till 80.
- ❖ Similarly, Cholesterol increasing in the age group of 50-60.

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- ❖ 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.