iNeuron

Wireframe Document

Heart Disease Diagnostic Analysis

Revision Number – 1.2

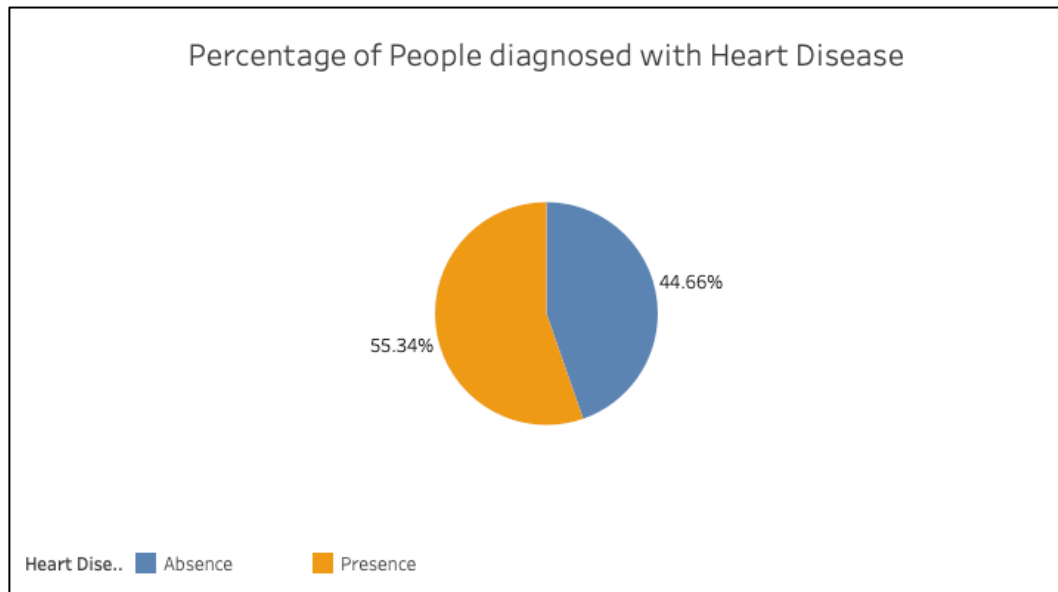## Last Date of Revision – 2nd May, 2022

Taniya Nath

Document Control

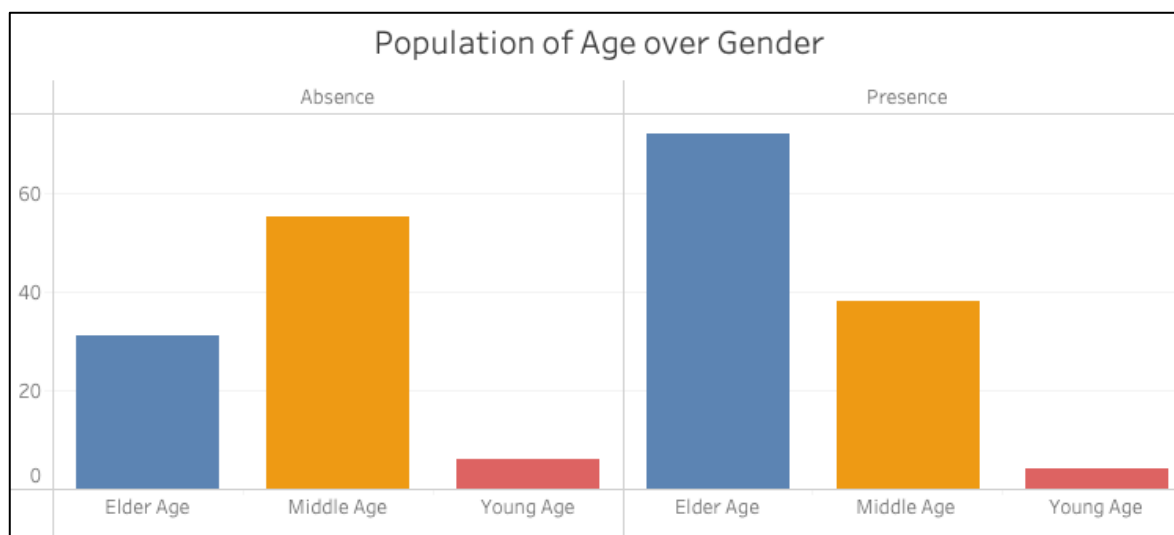| Date	Version	Description	Author
26/04/22	1.0	Introduction, Problem Statement	Taniya Nath
29/04/22	1.1	Dataset Information, Architecture Description	Taniya Nath
02/05/22	1.2	Final Revision	Taniya Nath

After doing an **Exploratory Data Analysis** on **Jupyter Notebook,** I created **Tableau public dashboard** for some **intuitive data visualizations**.
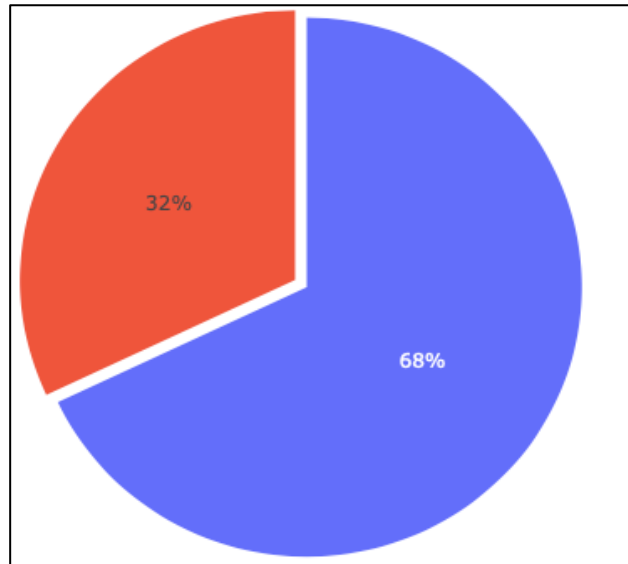
1. How much of the Population is affected from Heart Disease?

From the above Pie-chart, we can see that **44.66%** of the population is not diagnosed with heart disease whereas **55.34%** has heart disease.
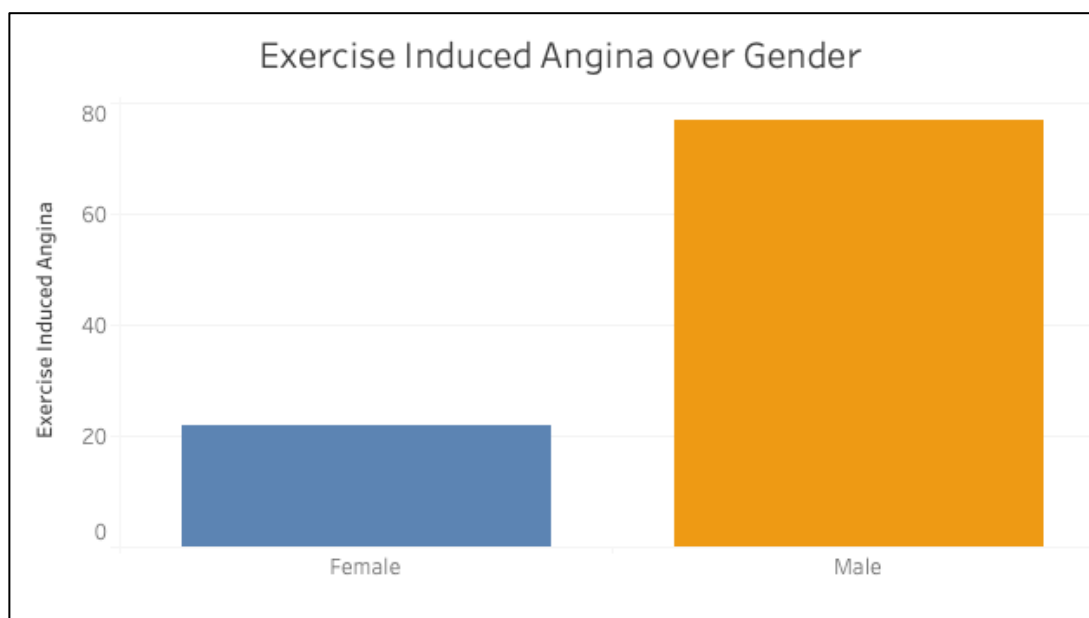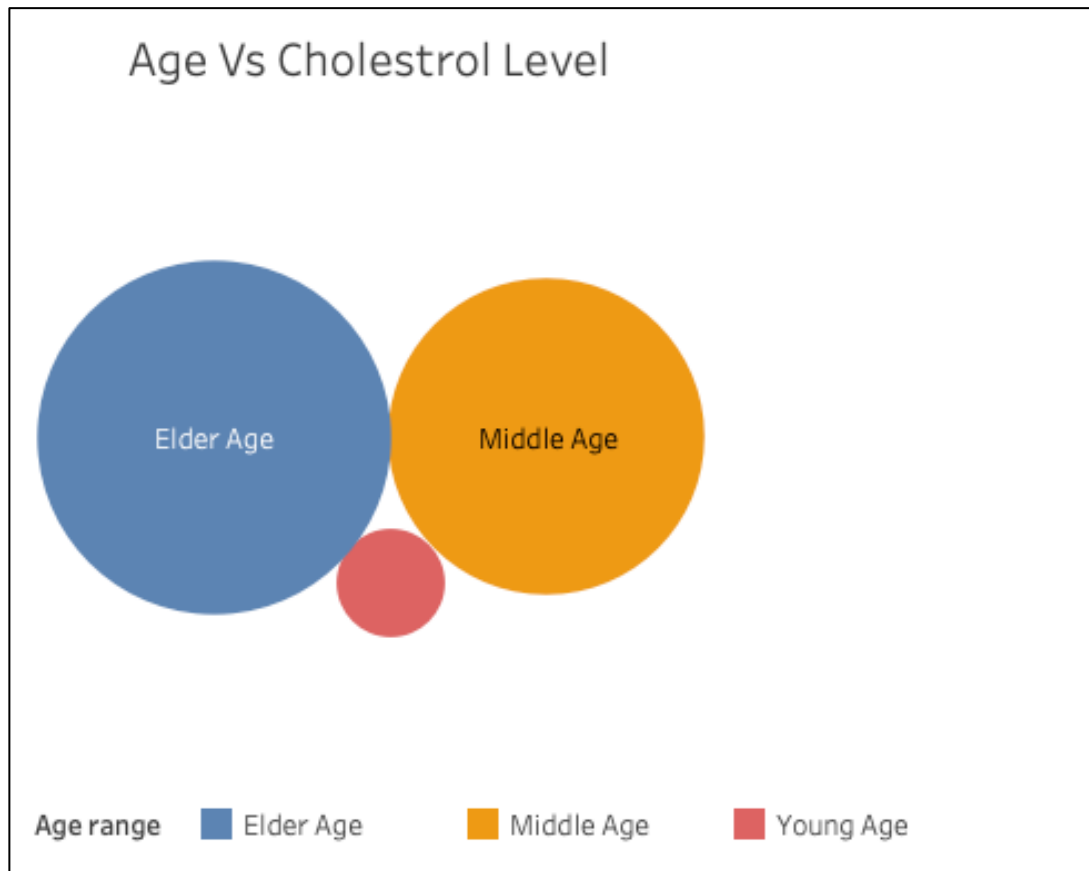
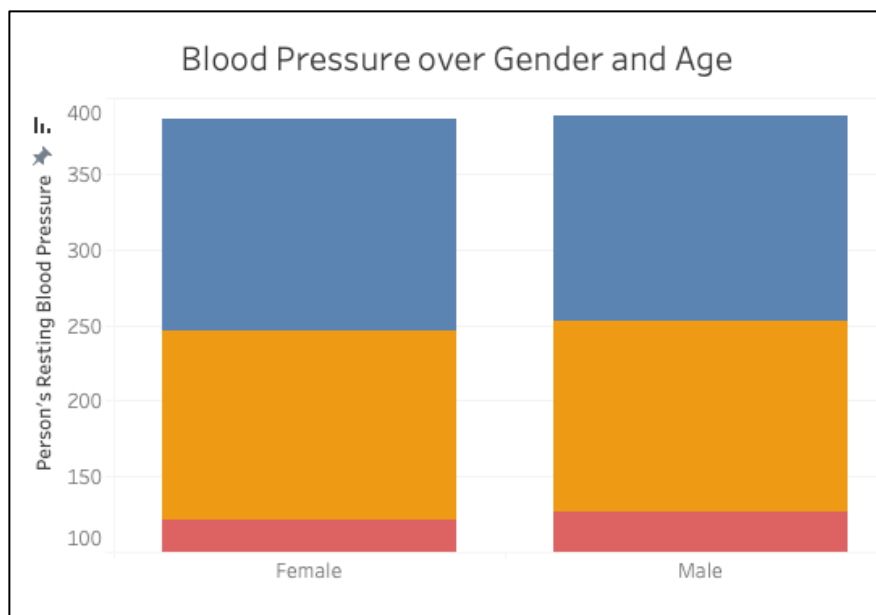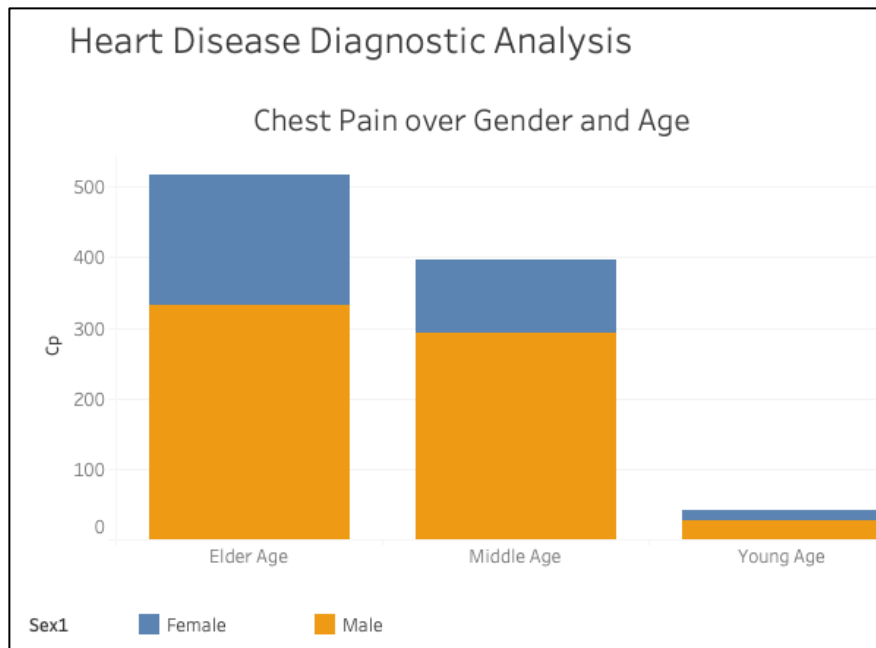## 2. Who is suffering From Heart Disease?

- According to the above bar graph, **Elderly and Middle aged** people have more risk of heart diseases.

- The above pie-chart shows that likelihood for heart disease in **Males is 68%** whereas for **Females is 32%.**

3. What Symptoms were experienced by people suffering from Heart Disease?

- According to the above bubble chart (*Age vs. Cholestrol level*), **Elderly aged** people seems to have Higher Cholestrol Levels which increases their chances of Heart Disease.
- The above bar graph (*Exercise induced Angina over gender*) shows that exercise induced Angina is **more in Male.**
- In the third bar graph above (*Chest Pain over Gender and Age*), we can see that among the **Male Elderly Aged** people, Chest pain is high.
- In the fourth Bar graph above (*Blood Pressure over Gender and Age*), **Blood pressure level** for heart diseases is **same in both Male and female**.