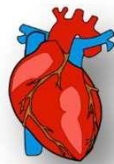


Wireframe Document

Heart Disease Diagnostic Analysis



Revision Number: 1.0
Last date of revision: 13/05/2023

Shubham
Tembhurne

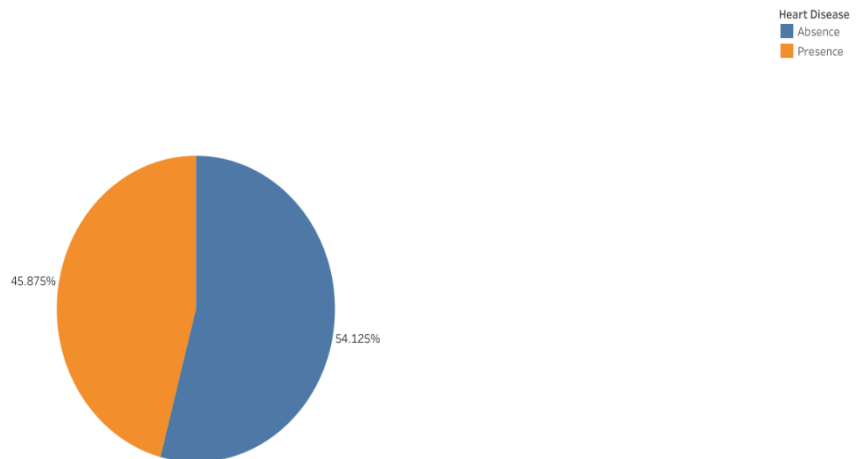
Document Version Control

Date Issued	Version	Description	Author
13 th May 2023	1.0	Introduction Problem Statement	Shubham tembhurne
13 th May 2023	1.1	Dataset Information, Vi Architecture Description	Shubham tembhurne

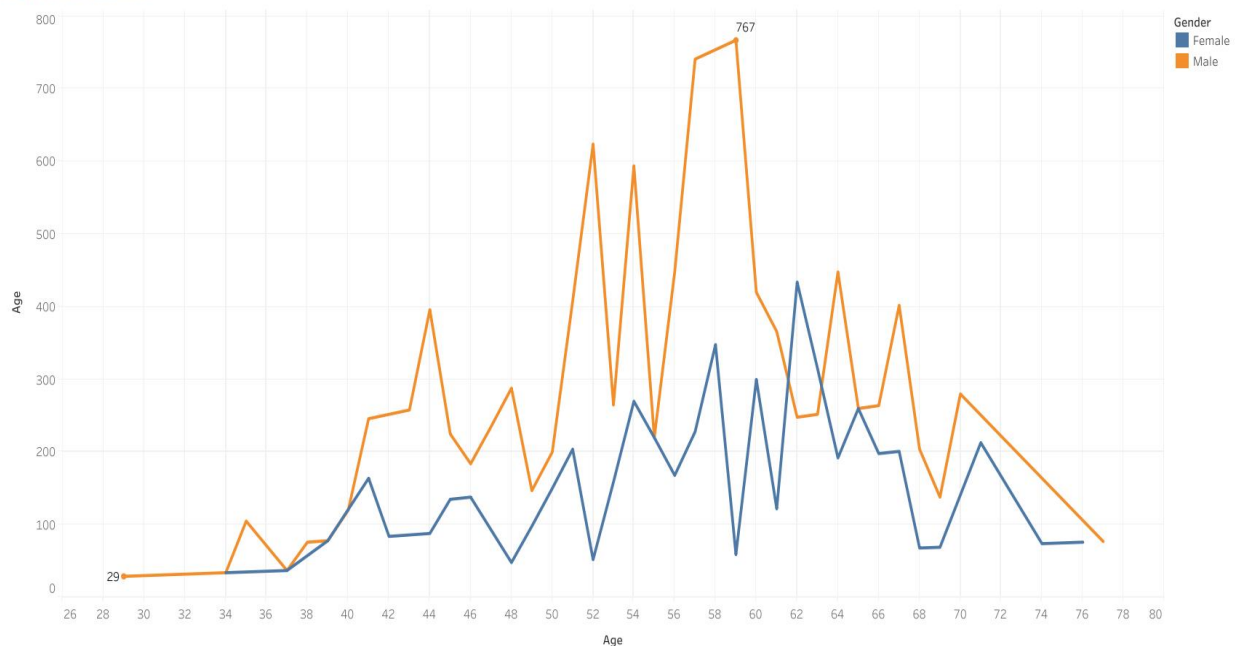
I Performed Exploratory Data Analysis on Jupyter Notebook and then created a Tableau Desktop Dashboard.

1. What Kind of the Population do we have?

Heart Disease



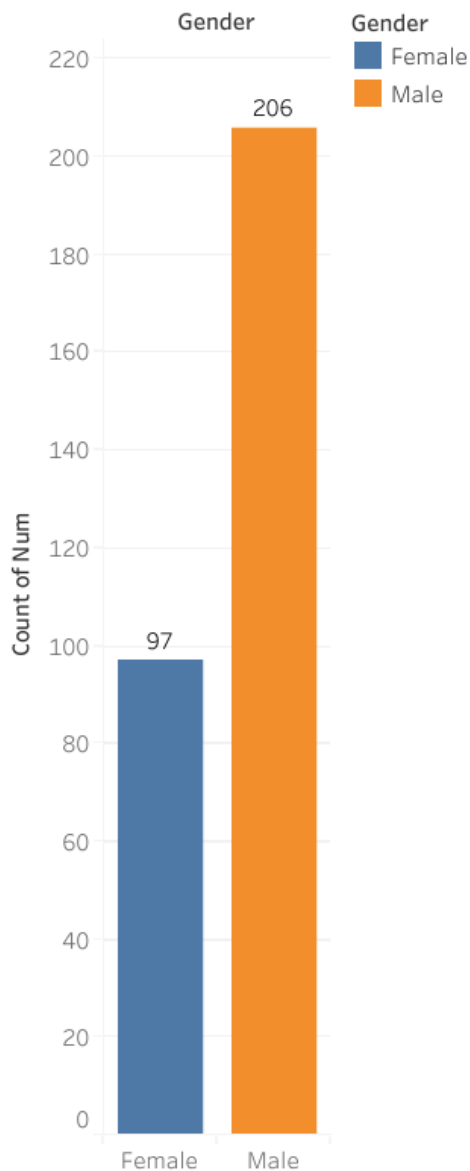
Age Distribution

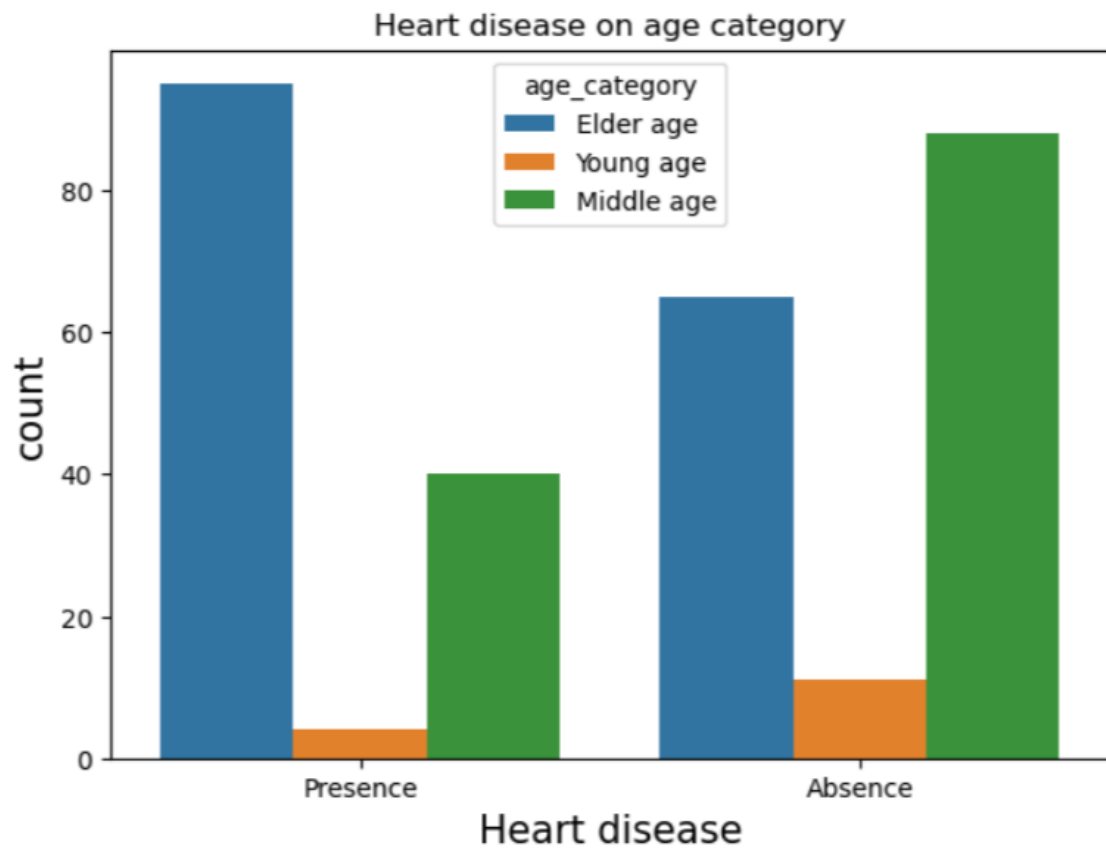


- The People are not suffering with Heart Disease are 54.13%.
- The People are suffering from Heart Disease Presence are 45.87%.
- I found that maximum male is from middle age (50-60) Years and most of the female are Elder age (55-65) Year category.

2. Who Suffered from heart Disease?

Heart Disease in Gender

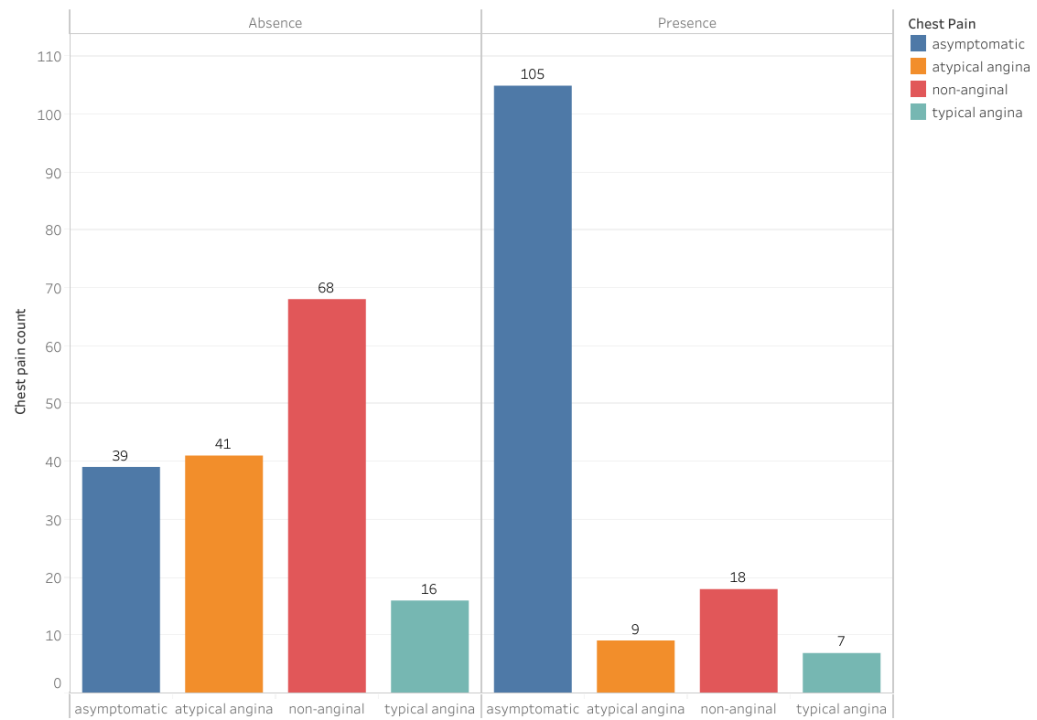




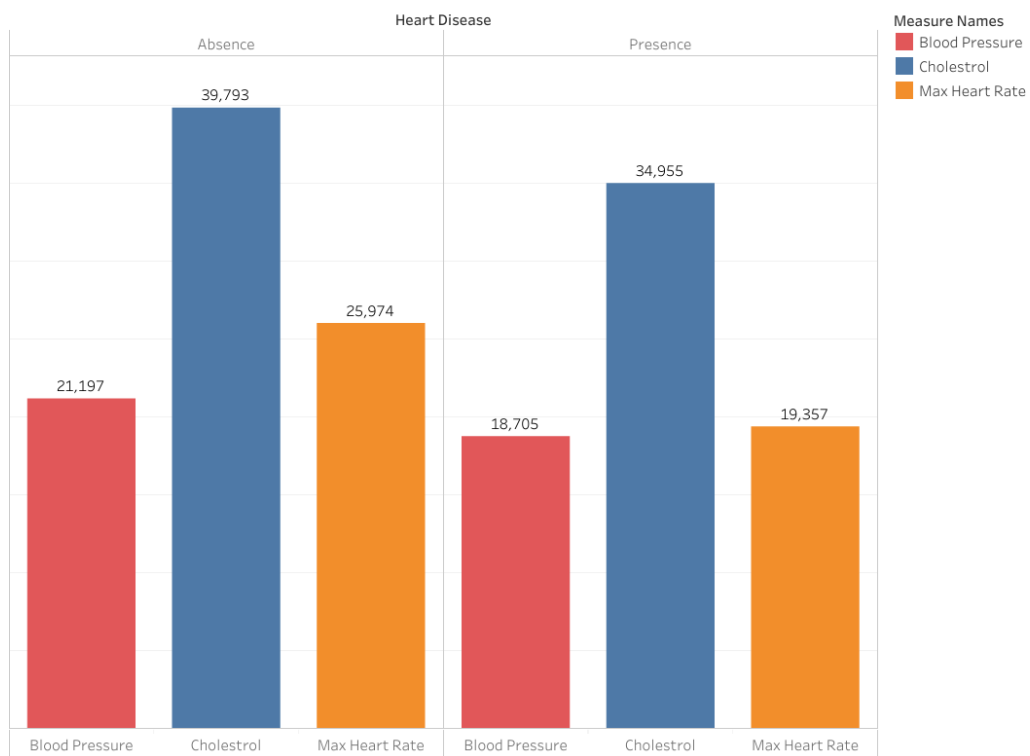
- Males are more prone to heart disease.
- The most of the heart disease present in the elder age and the middle age people are mostly free from the Heart disease.

3. What symptoms do people experience in heart disease?

Chest Pain in Heart Disease

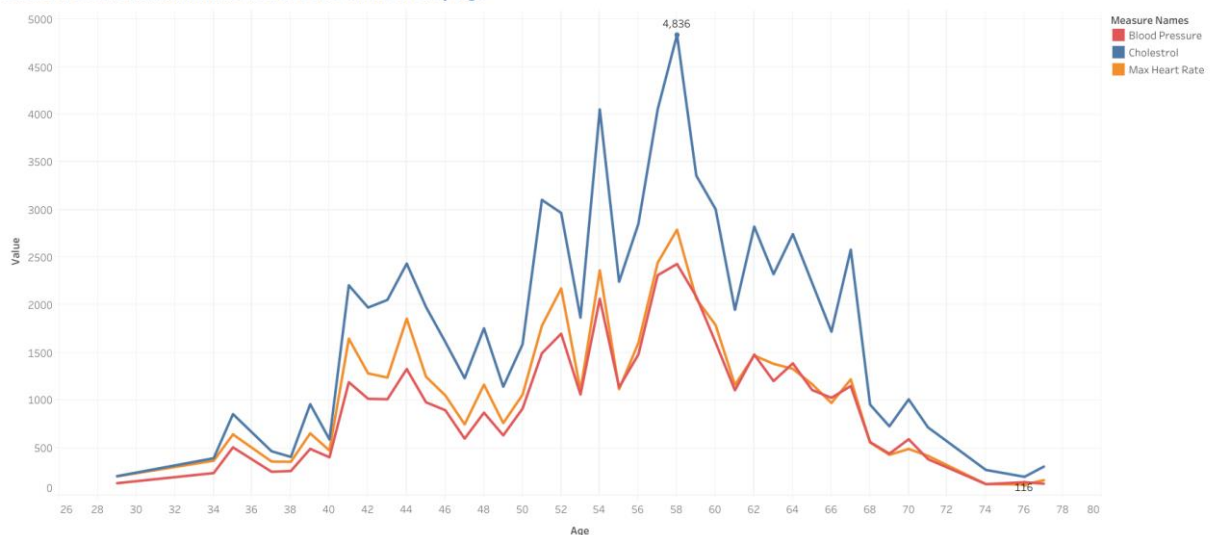


Blood Pressure ,Maximum heart Rate and Cholestrol by Heart Disease

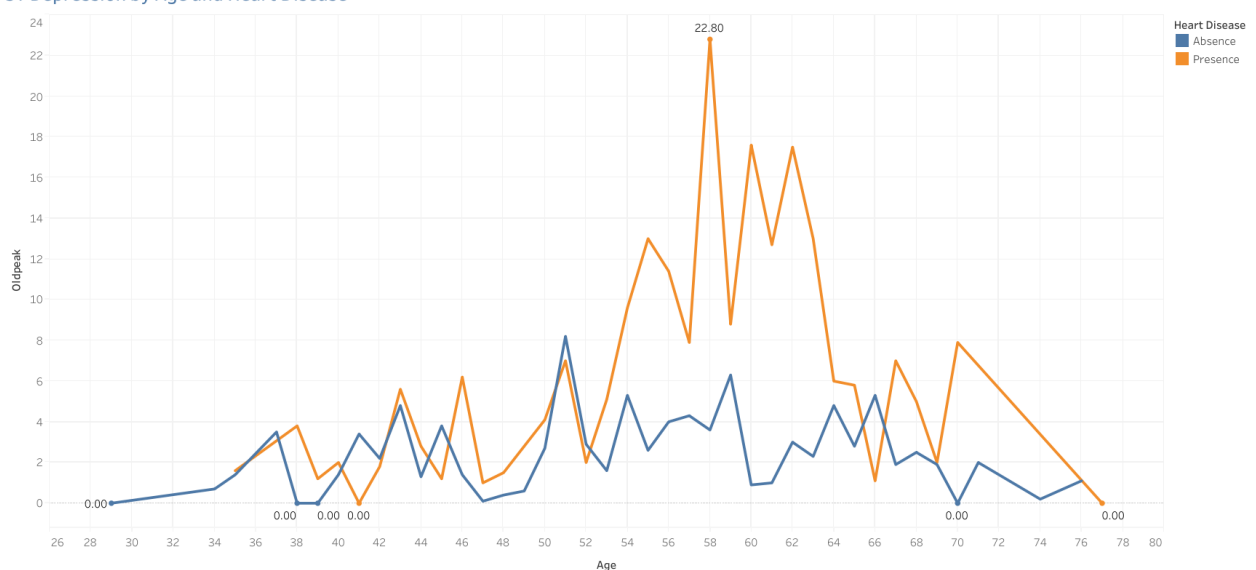


- The chest pain experience in the heart disease is most likely asymptomatic. That have higher chances of heart disease.
- Asymptomatic means there are no symptoms. You are considered asymptomatic if you: Have recovered from an illness or condition and no longer have symptoms of that illness or condition.
- The Cholesterol is highly risk factor which can lead to heart disease.

Blood Pressure ,Maximum Heart Rate and Cholesterol by Age



ST Depression by Age and Heart Disease



- The cholesterol level is increase at the age of 50-60 and then continue the same pattern
- The blood pressure is increase at the age of 50-65 and then continue the same pattern.
- We can see that ST depression is increase suddenly at the age of 30-40. An ST depression can be an outcome of an electrocardiogram (ECG) test. It can indicate health conditions like hypokalemia, myocardial ischemia, or a side effect of medications