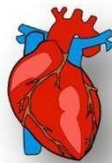


Wireframe Document

Heart Disease Diagnostic Analysis



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

Shubham Tembhurne

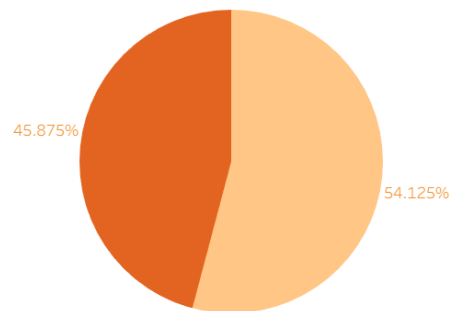
Document Version Control

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?

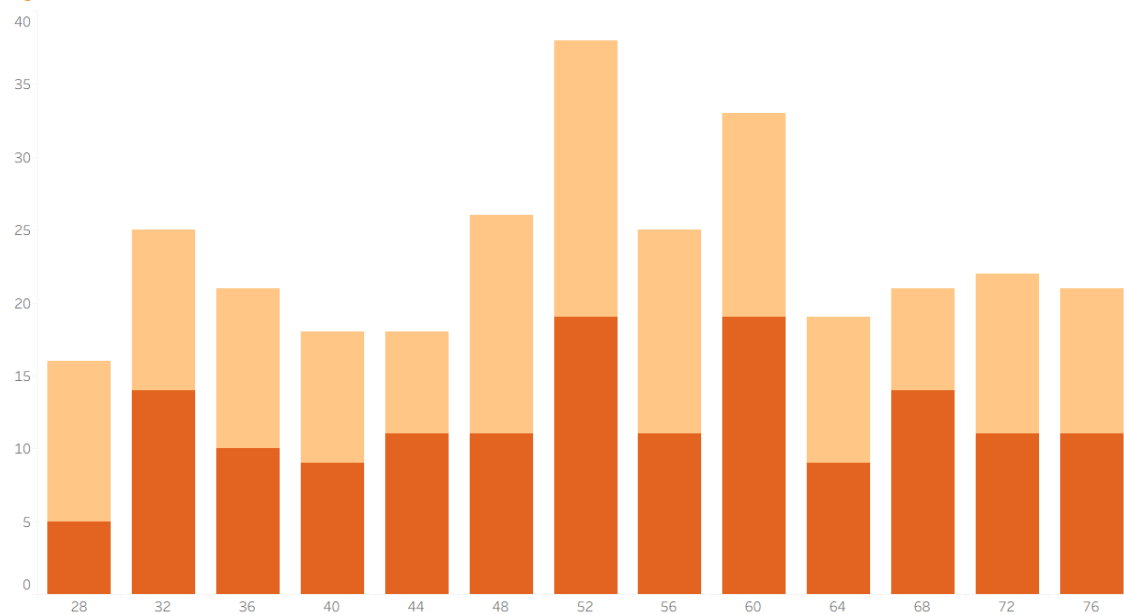
Heart Disease



Heart Disease

Absence
Presence

Age Distribution

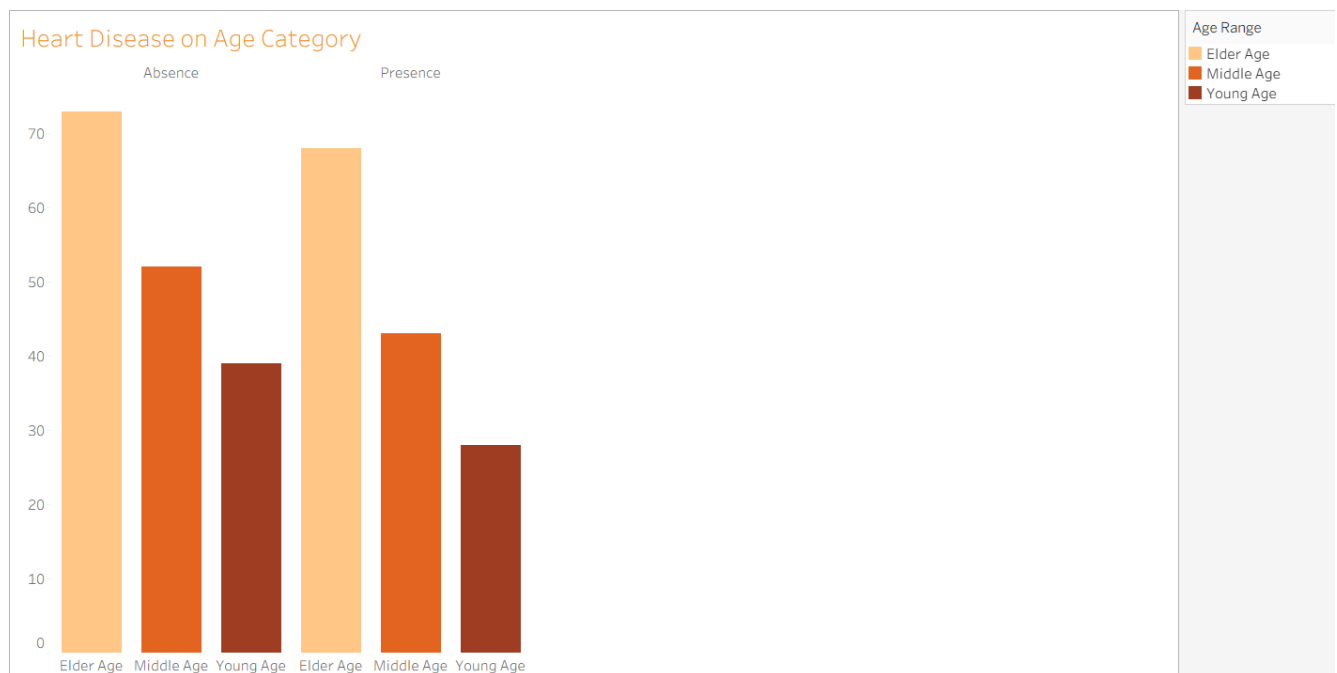


New sex

Female
Male

- The People are not suffering with heart disease are 54.13%.
- The People are suffering from heart disease are 45.87%.
- We observe that maximum male is from middle age (50-60) Years and most of the female are elder age (55-60) Year category.

2. Who Suffered from heart Disease?



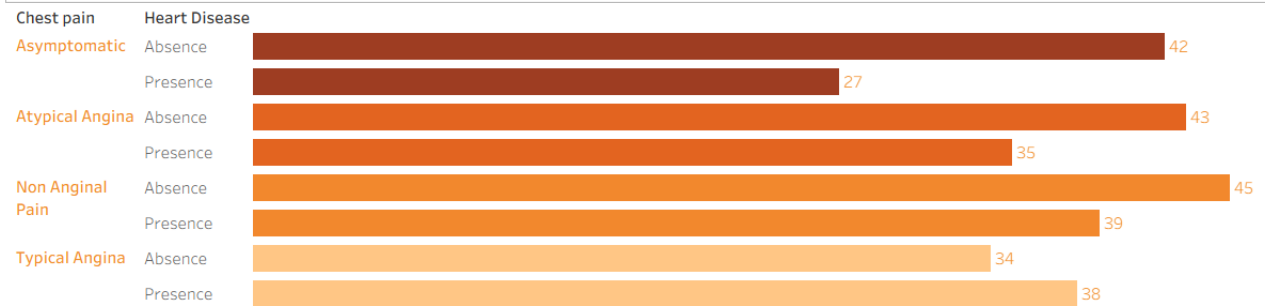
Heart Disease by Gender



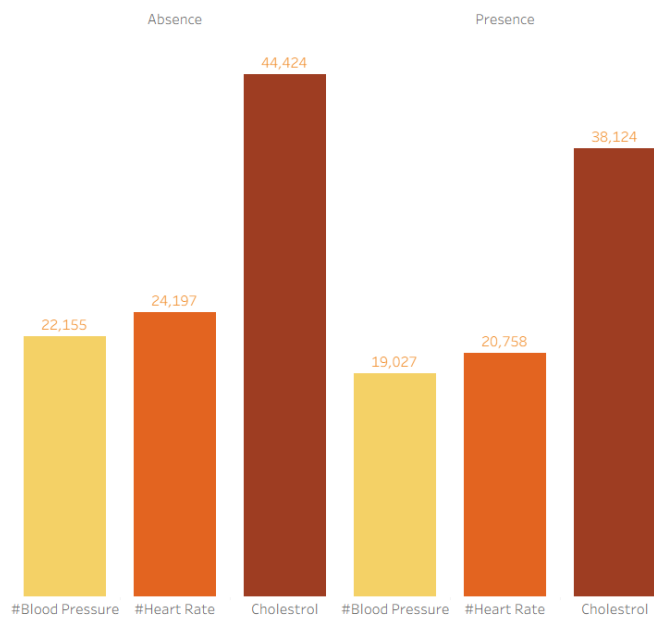
- Females are more prone to heart disease.
- The most of the heart disease present in the elder age and the middle age people are mostly free from the heart disease.

3. What symptoms do people experience in heart disease?

Chest Pain in Heart Disease



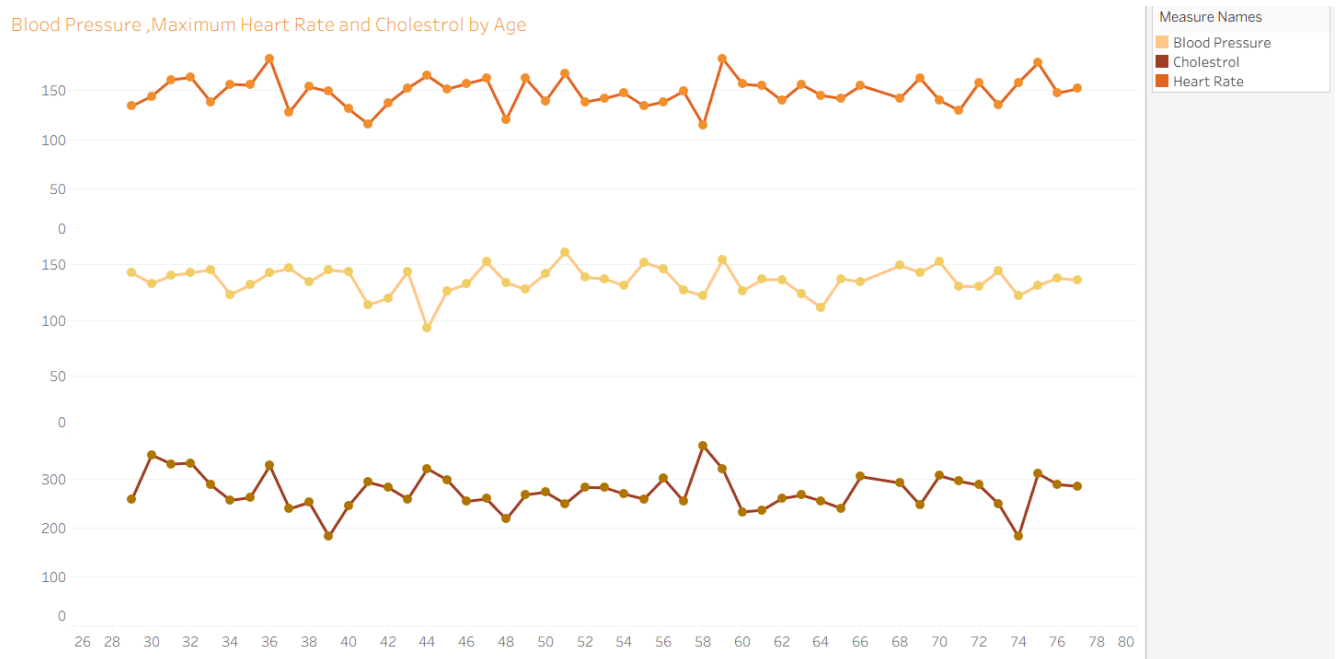
Blood Pressure ,Maximum Heart Rate and Cholestrol by Heart Disease



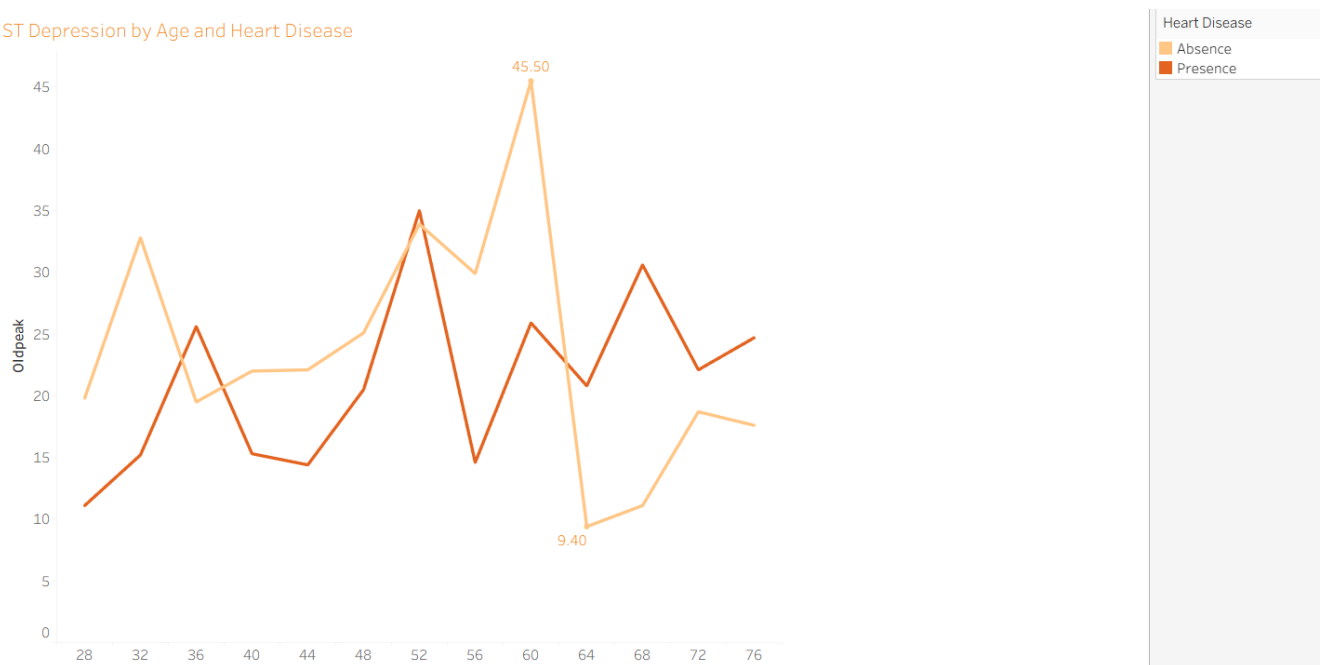
Measure Names

- #Blood Pressure
- #Heart Rate
- Cholestrol

Blood Pressure ,Maximum Heart Rate and Cholestrol by Age



ST Depression by Age and Heart Disease



- The chest pain experience in the heart disease is most likely Non Anginal Pain. That have higher chances of heart disease.
- Non Anginal Chest pain that meets one or none of the characteristics of typical angina. This pain is often sharp, stabbing, or burning and can be caused by various non-cardiac issues, such as musculoskeletal problems, gastroesophageal reflux disease, or anxiety.
- 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 50-60 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 medication
- The Cholesterol is highly risk factor which can lead to heart disease.

