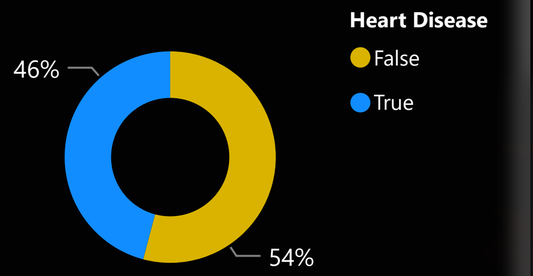
Heat Disease Analysis

Review of Total Dataset by H...

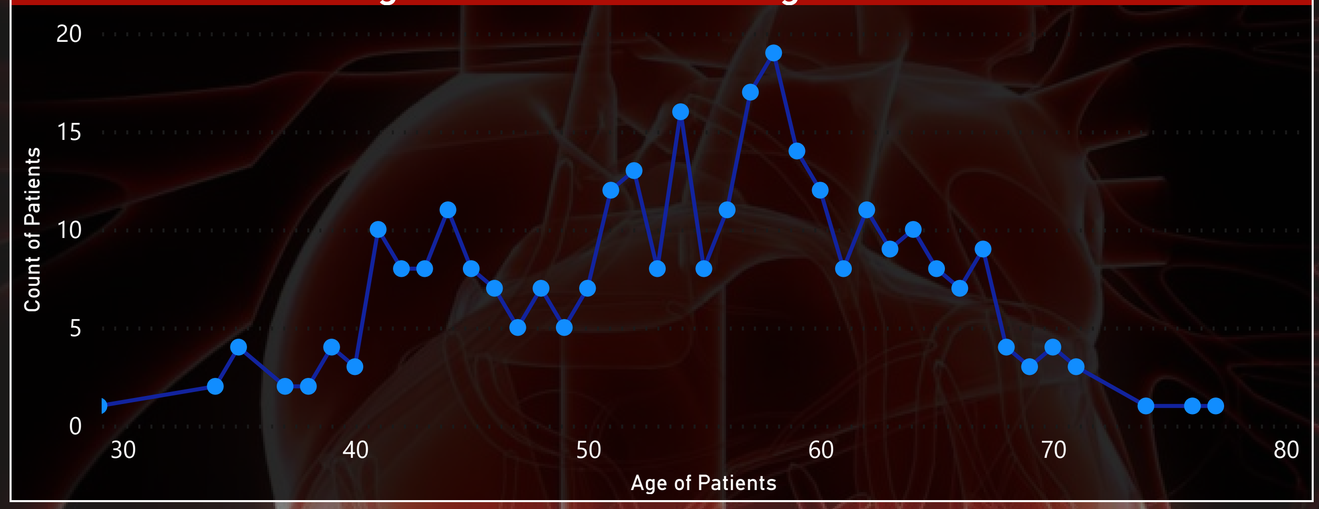


Total Reviews

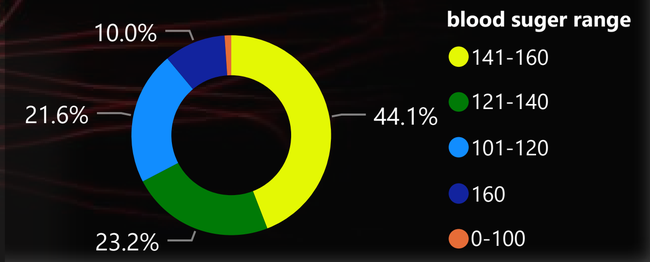
303

Next Page

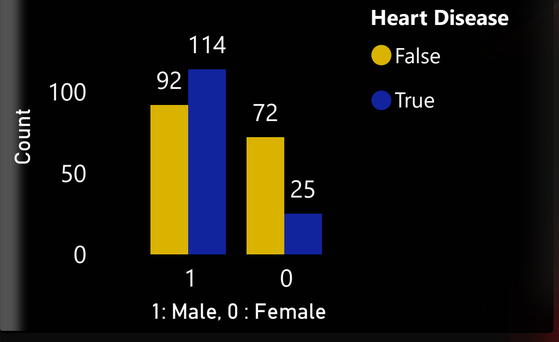
Review of Age of Patients suffering from Heart Disease



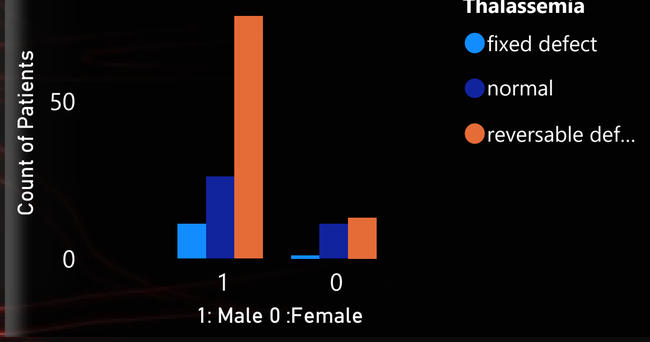
Resting blood suger range by Heart Disease



Review of Gender By Heart Disease



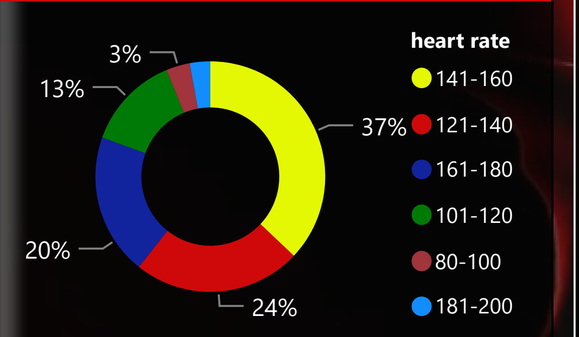
Genderwise Heart Disease caused by Types of Thalassemia



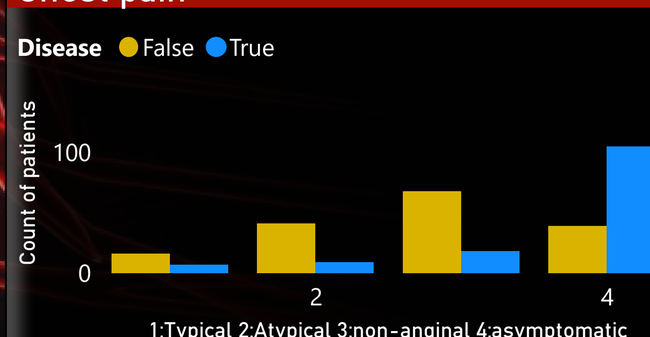
Insights

1) Our dataset is amost balanced with 54% of patients having no heart disease and 46 % of patients having heart disease.
2) Males have higher chances of having heart disease than females.
3) Patients who are likely to suffer from heart disease have higher maximum heart rates(rate between 141-160) whereas patients who are not likely to suffer from heart disease are having lower maximum heart rates.
4) Patients suffering from heart disease are mostly in age group of 55-65 years
5) Patients having resting blood suger(diastolic state) <90mm Hg in diastolic state have less chances of heart disease
6) Female having chances of fixed defect type of thalassaemia is very rare comparison to male. Male suffers more from fixed defect thalassaemia and reverseable defect thalassaemia both comparison to female

Review of Max heart rate in case of heart disease

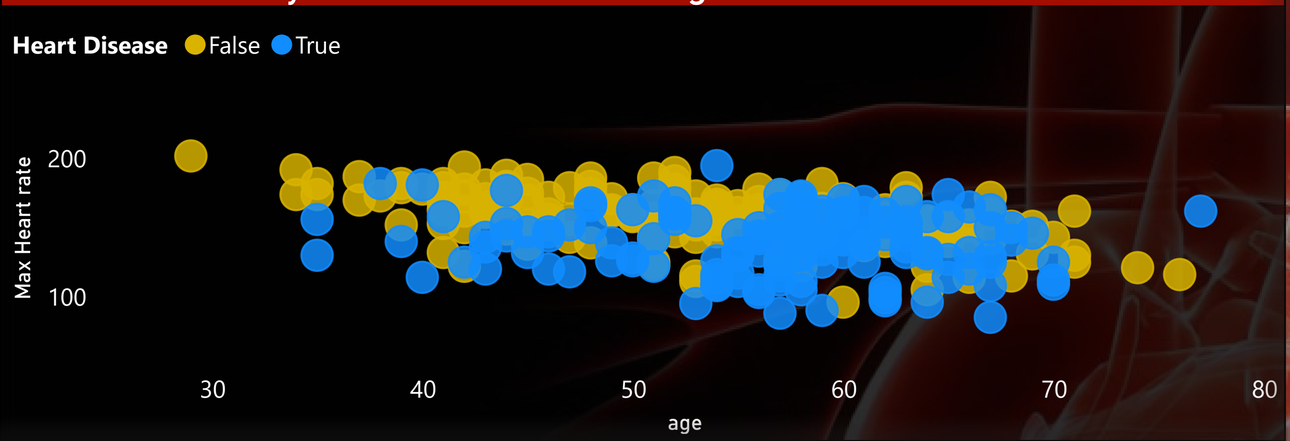


Review of heart disease by types of Chest pain

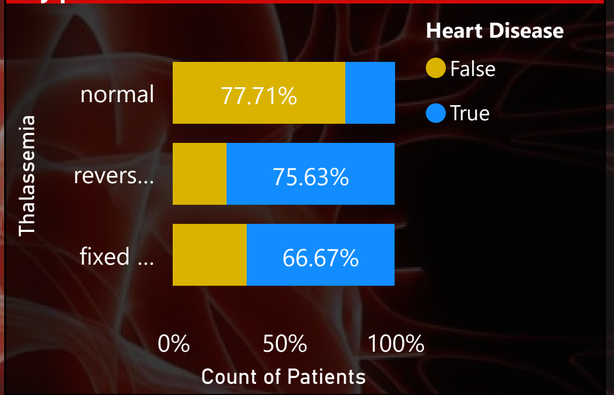


Heat Disease Analysis

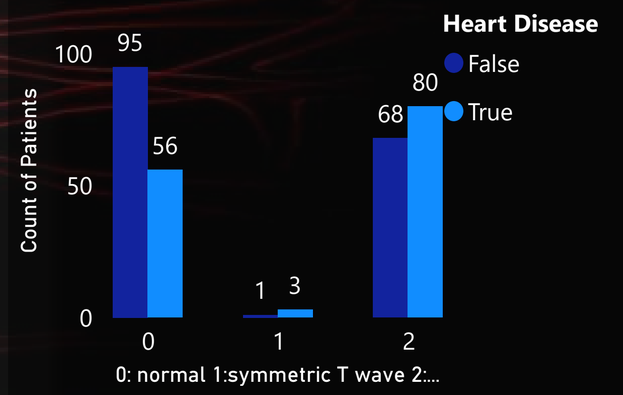
Heart Disease by Max Heart Rate and Age



Heart Disease due to Different Types of Thalassemia

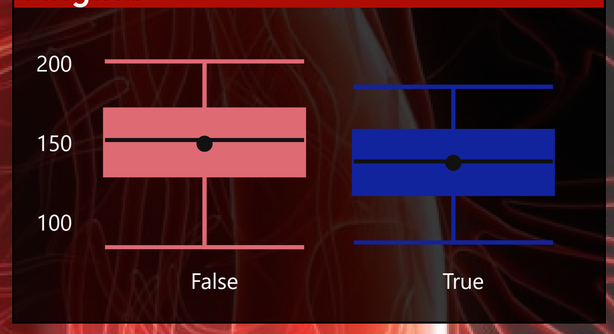


Heart Disease by Rest_ecg measurement

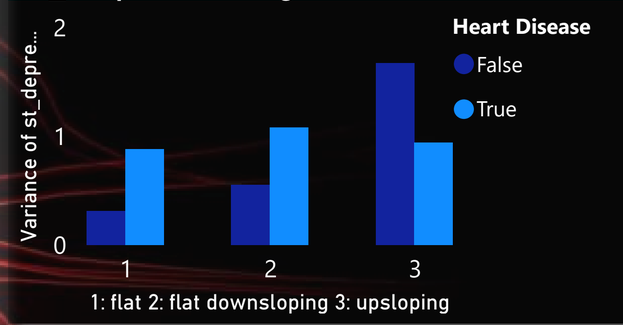


Review of Heart disease due to cholesterol and Age

Max Heart rate by Induced Angina



Variance of st_depression by st_slope and target



Back

Insights

1) **Patients of age between 55-60 are likely to suffer from heart disease have higher maximum heart rates(rate between 140-160) whereas patients who are not likely to suffer from heart disease are having lower maximum heart rates.**

2) **Higher cholesterol means higher chances of heart disease. it plays an important role in determining heart problems. With age cholesterol increases and level 200- 350 mg/dl are of concern.**

3) **Patients having no thalassaemia can also suffer from heart disease, but patients having reversable effect thalassaemia have greater chances of suffering from heart disease. So thalassaemia plays an important role in detecting heart disease.**

4) **The above plot shows that the more number of patients showing probable or definite left ventricular hypertrophy are more likelihood of suffering from a heart disease.**

4) **St depression >0.5 mm in ECG indicates abnormality. Therefore the slope of the peak exercise ST segment showing downslope with st depression>0.5 mm has greater**