

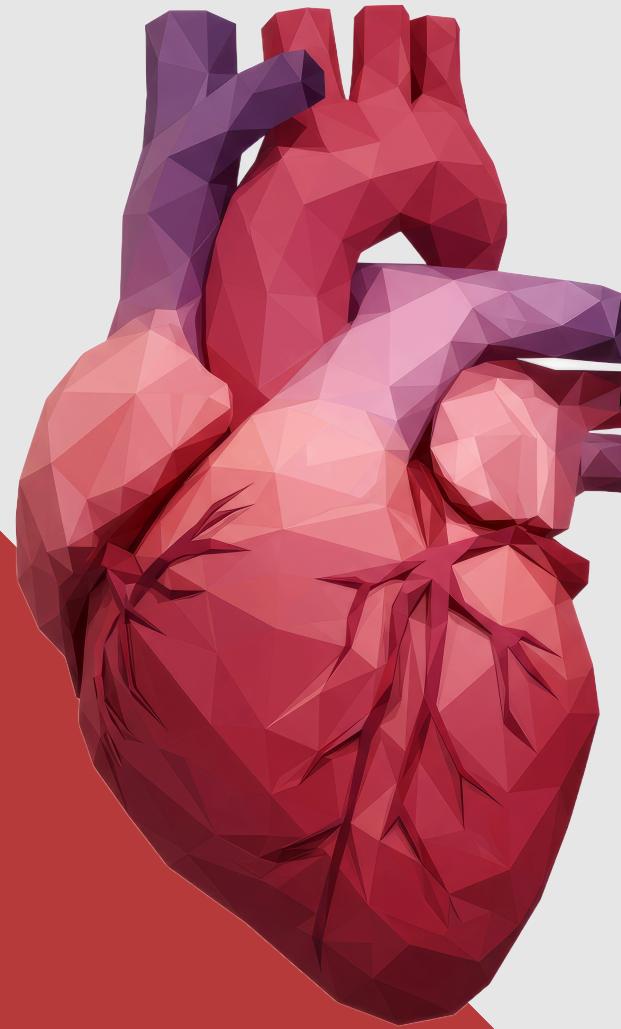
Heart Disease Analysis

Lifestyle Risk Analysis

Clinical Diagnosis Analysis

Prognosis Analysis

Risk Factor Analysis



Prevention Insights : What Lifestyle Factors Drive Heart Disease?

Total Patients (Lifestyle)

309K

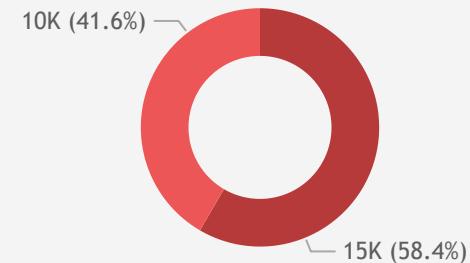
Heart Disease Cases (Lifestyle)

25K

% Heart Disease (Lifestyle)

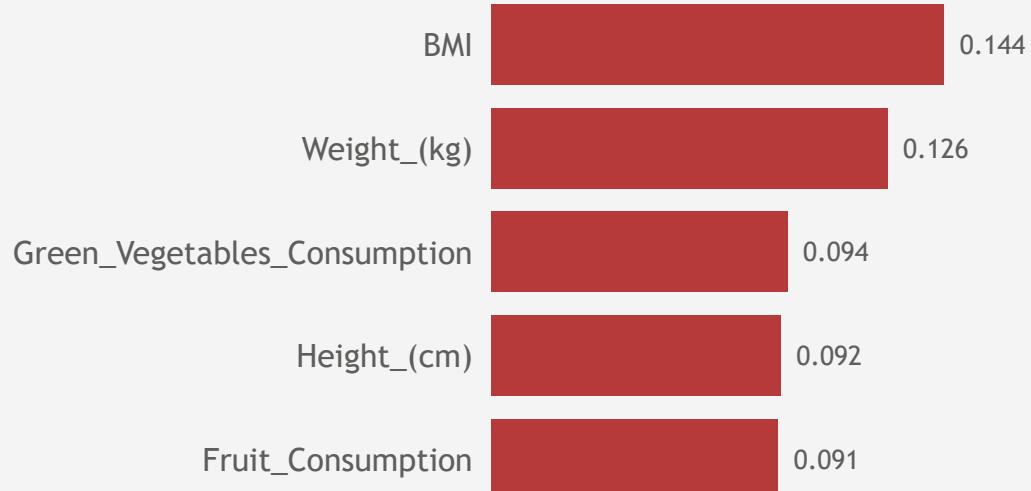
8.09%

Heart Disease Distribution by Smoking History

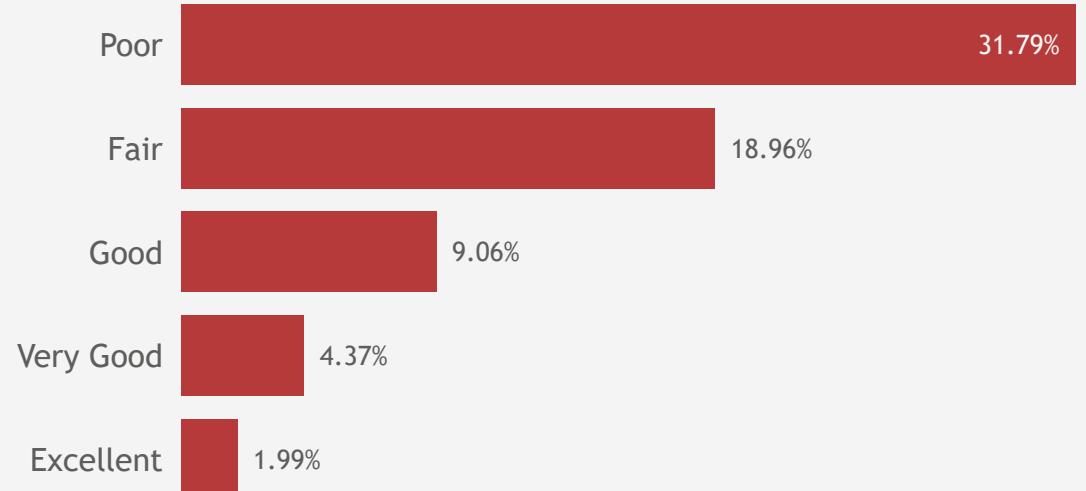


Smoking_History
● Yes
● No

Top 5 Lifestyle Predictors of Heart Disease



Heart Disease Rate by General Health Level



Clinical Insights : How Diagnostic Tests Reveal Heart Disease?

Total Patients (Screening)

70K

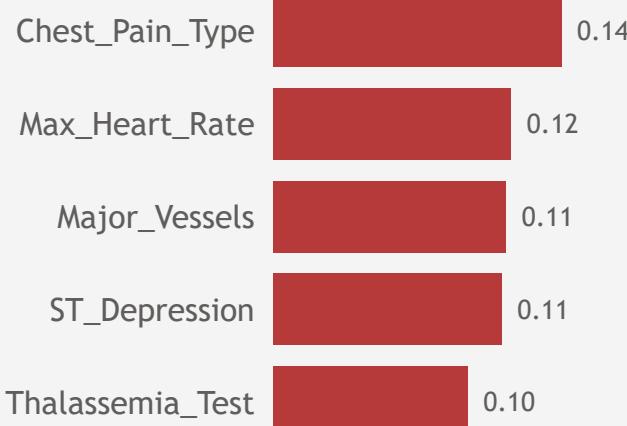
Heart Disease Cases (Screening)

35K

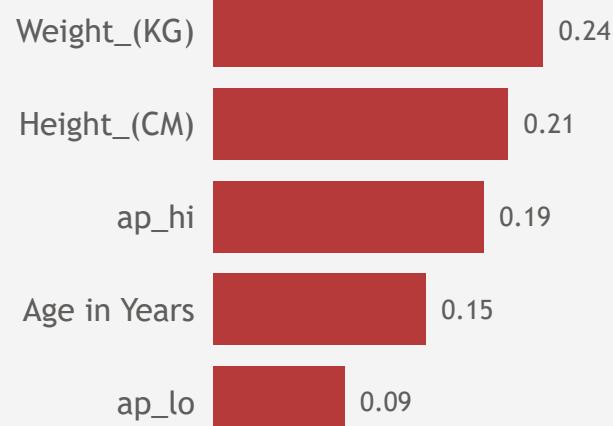
% Heart Disease (Screening)

49.97%

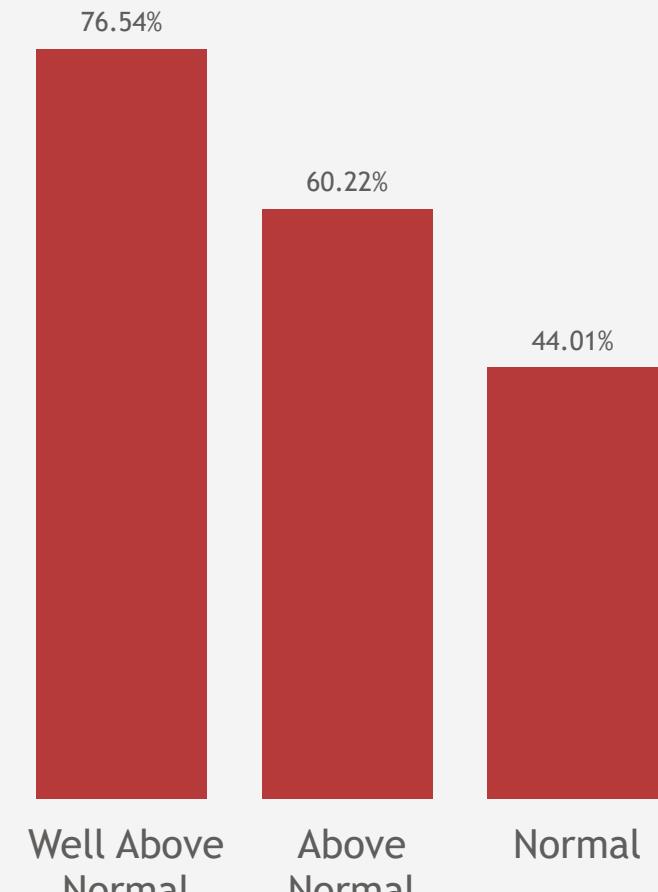
Top 5 Clinical Predictors from Detailed Diagnosis



Top 5 Predictors from General Screening Tests



Heart Disease Rate by Cholesterol Level



Prognosis insights: What Predicts Survival for Heart Failure Patients?

Total Patients (Prognosis)

5K

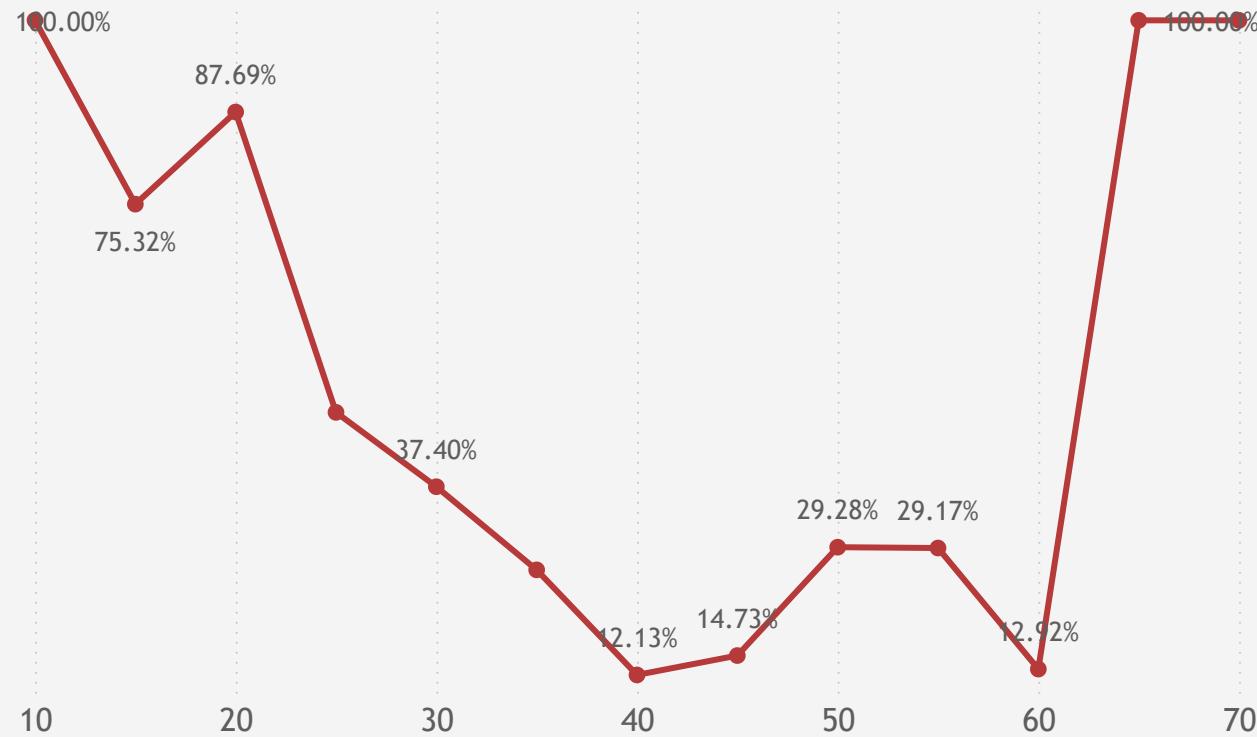
Mortality Cases

2K

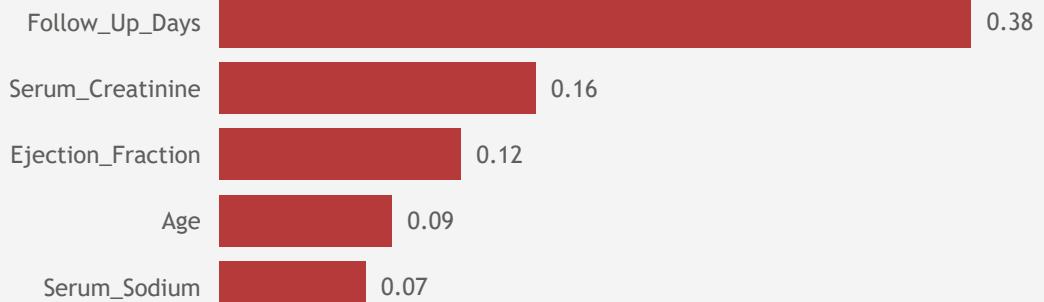
% Mortality Rate

31.36%

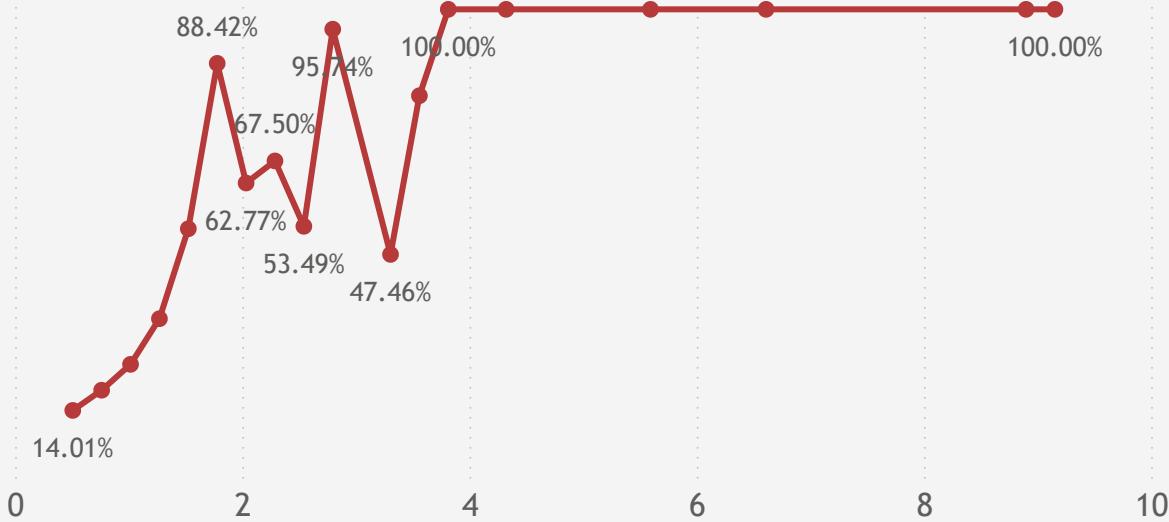
Mortality Rate by Ejection Fraction (%)



Top 5 Predictors of Heart Failure Mortality



Mortality Risk vs. Serum Creatinine Level



Risk Factor : How Diagnostic Tests Reveal Heart Disease?

Total Patients (Risk)

1.03K

Heart Disease Cases (Risk)

526

% Heart Disease (Risk)

51.32%

Avg Cholesterol level

246.0

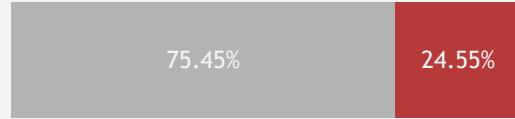
Avg Age with Heart Disease

52.41

Heart Disease Rate by Cholesterol Level

Heart Disease ● No ● Yes

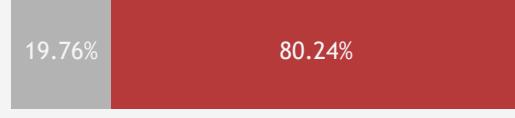
Typical Angina



Non-anginal Pain



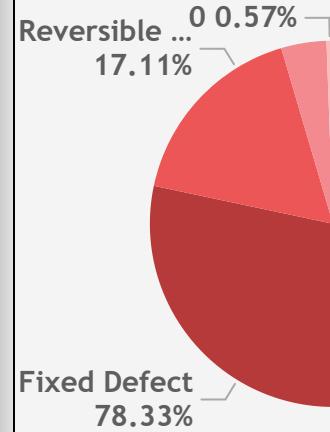
Atypical Angina



Asymptomatic



Heart Disease Percentage by Thalassemia Test



Heart Disease by Age and Max Heart Rate

Max Heart Rate

20 40 60 80
Age

