

VISUALIZING AND PREDICTING HEART DISEASE WITH AN INTERACTIVE DASH BOARD

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Welcome to Visualizing and Predicting Heart Disease

Heart disease is one of the biggest causes of morbidity and mortality among the population of the world. Prediction of cardiovascular disease is regarded as one of the most important subjects in the section of clinical data analysis. The amount of data in the healthcare industry is huge

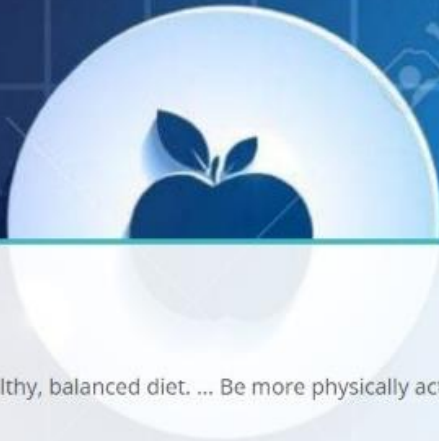
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Data Analysis

"The goal is to turn data into information, and information into insight."

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Prevention of Heart Diseases

Eat a healthy, balanced diet. ... Be more physically active. ... Keep to a healthy weight. ... Give up smoking. ... Reduce your alcohol consumption. ... Keep your blood pressure under control.

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SPRINT 1

Cholesterol Level

"It is a scientific fact that your body will not absorb cholesterol if you take it from another person's plate."



SPRINT 2

Thallium

"your diet is a bank account .Good food choices are good investments"



SPRINT 3

Exercise Angina

"Exercise should be regarded as tribute to the heart"



SPRINT 4

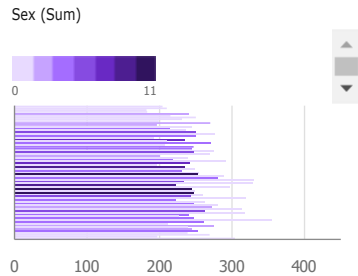
ST Depression

"Depression isn't a war you win. It's a battle you fight every day with yours heart"

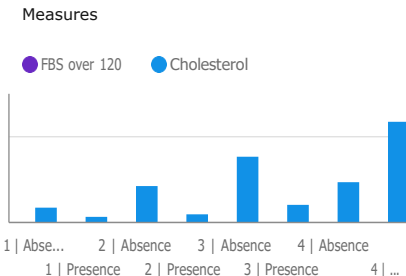
DASHBOARD

Tab 1

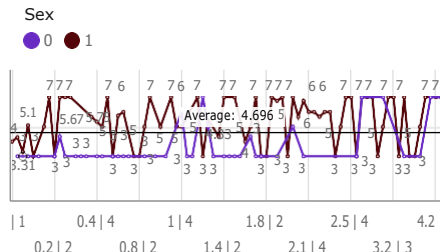
Cholesterol by Age and Sex colored by Sex



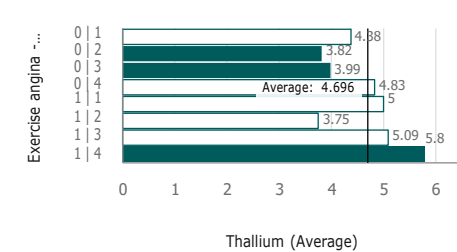
FBS over 120 and Cholesterol by Chest pain type and Heart Disease



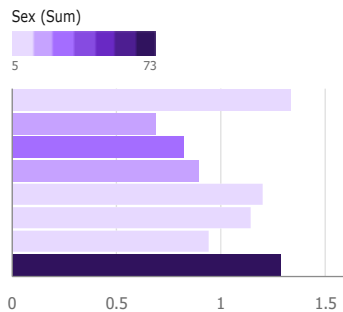
Thallium by ST depression and Chest pain type colored by Sex



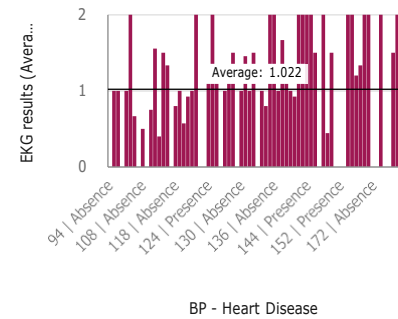
Thallium by Exercise angina and Chest pain type



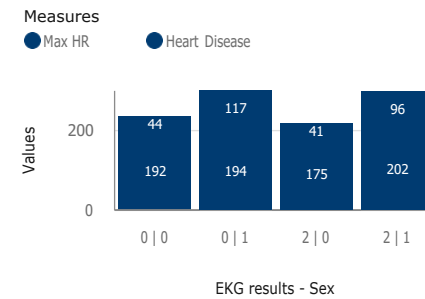
EKG results by Heart Disease and Chest pain type colored by Sex



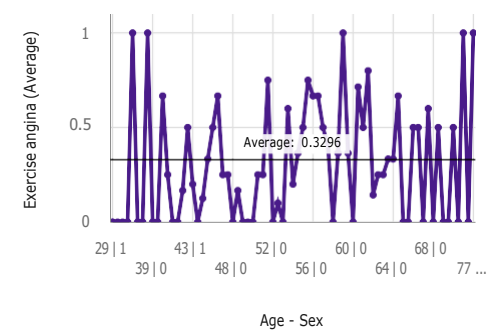
EKG results by BP and Heart Disease



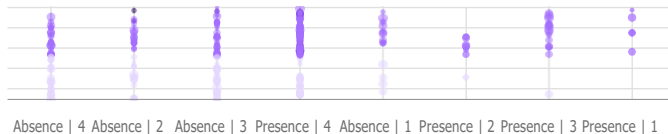
Max HR and Heart Disease by EKG results and Sex



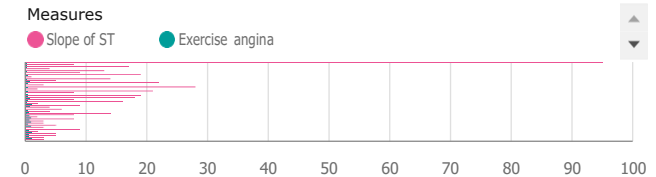
Exercise angina by Age and Sex



Heart Disease, Chest pain type and Sex, Age with Age and Sex for ST depression



Slope of ST and Exercise angina by ST depression





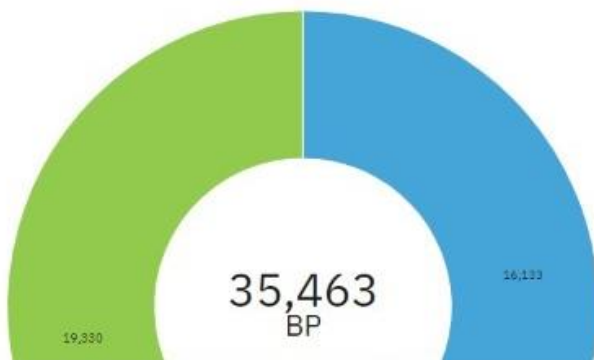
REPORT

Tab1 Tab2 Tab3 Tab4 Tab5

Visualizing and Predicting Heart Diseases Report

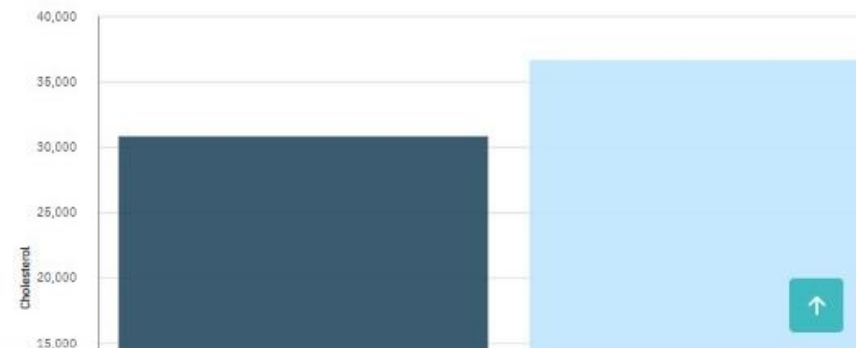
Heart Disease by BP

Heart Disease
● Presence ● Absence

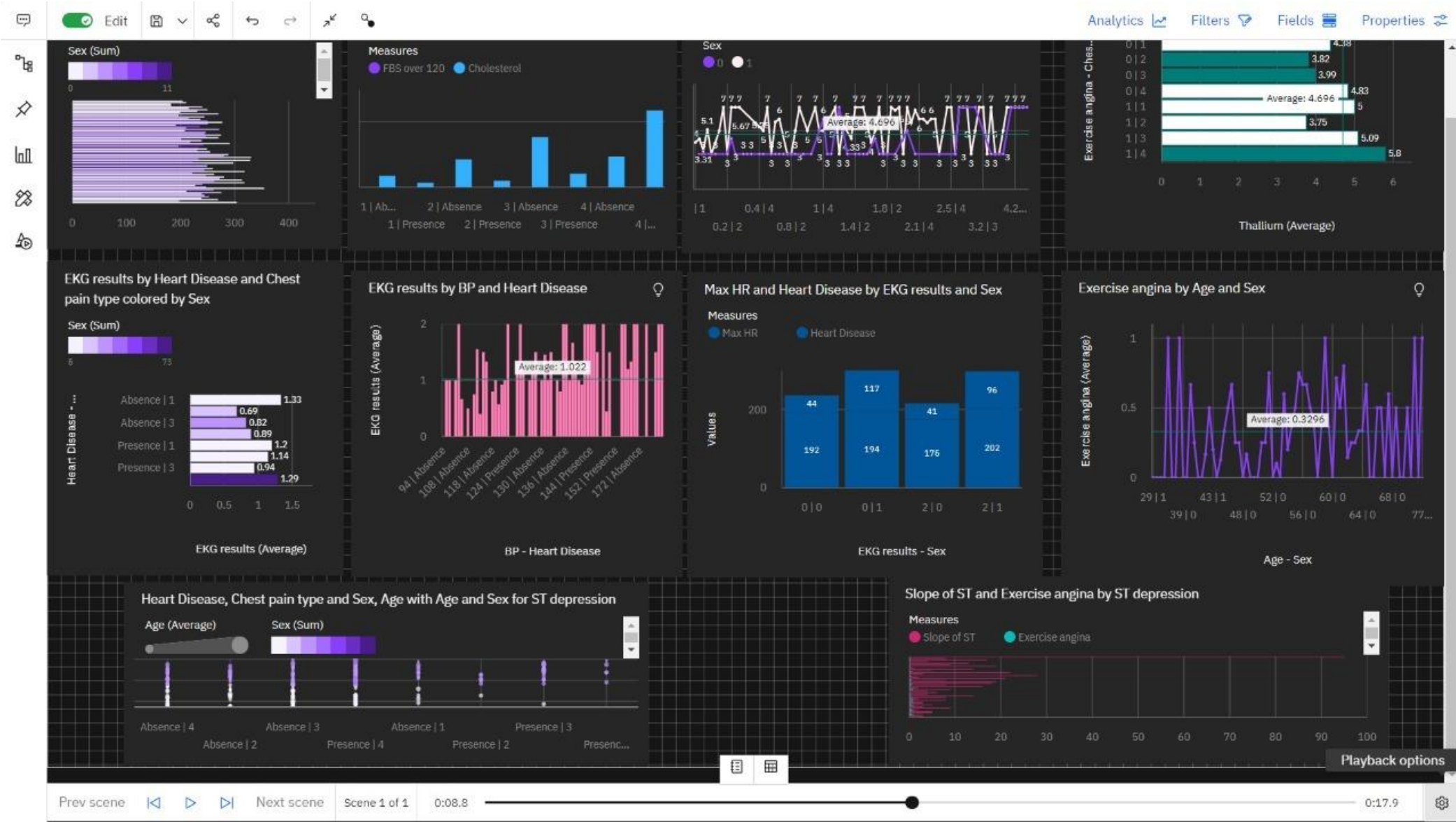


Heart Disease by Cholesterol

Sex
88 100



STORY





MEMBERS

"Nothing can dim the light that shines from within."



VishnuPriya MS

Team Lead



Miruthula Shri P

Team Member



Manorangitham T

Team Member



Trisha A

Team Member

