

Final Dashboard

Front Page	Overview	Main Page	Living Habits Analysis	Health History Analysis
------------	----------	-----------	------------------------	-------------------------

Personal Key Indicators of Heart Disease

Dashboard

Lina Li (jinghua@usc.edu)
Indira Lakshmi Gundavarapu (igundava@usc.edu)
Alyssa Pan (dingwenp@usc.edu)
Xinyao Tang (xinyaota@usc.edu)

Front Page	Overview	Main Page	Living Habits Analysis	Health History Analysis
------------	----------	-----------	------------------------	-------------------------

Overview

Business Objectives

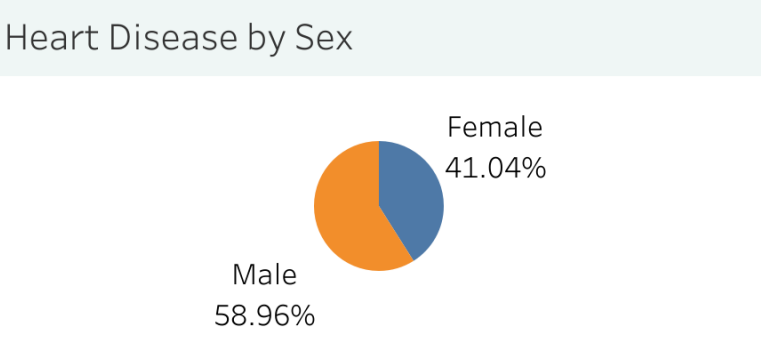
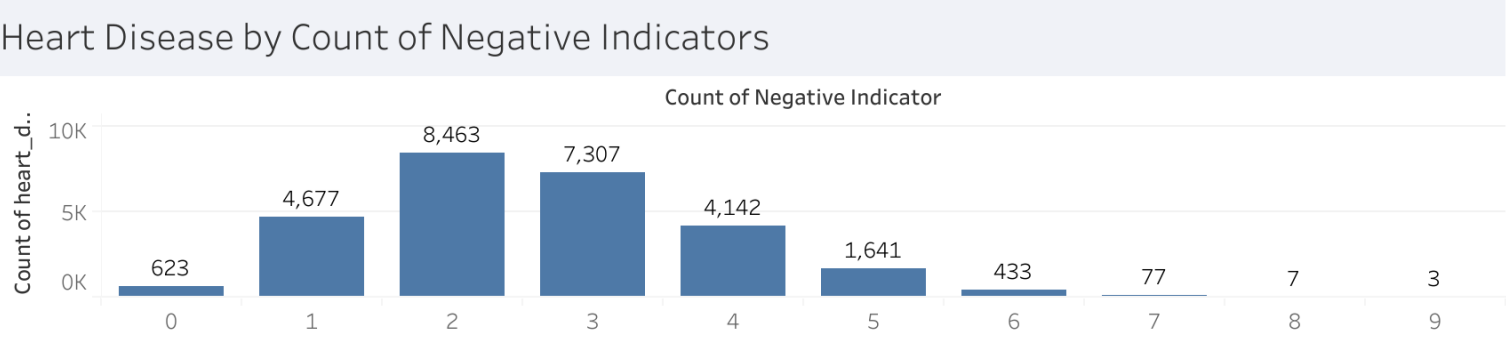
Our audience is some health institutions, or some health research centers. They can use our EDA report to select the attribute in their experiments. As for our purpose of the dashboard. We will find the relationship between heart disease and other attributes. Which attribute will have a greater impact, and the impact of different attribute combinations on heart disease.

Data Source

Personal Key Indicators of Heart Disease: 2020 annual CDC survey data of 400k adults related to their health status

Link: <https://www.kaggle.com/datasets/kamilpytlak/personal-key-indicators-of-heart-disease>

Personal Indicator of Heart Disease Dashboard



Heart Disease

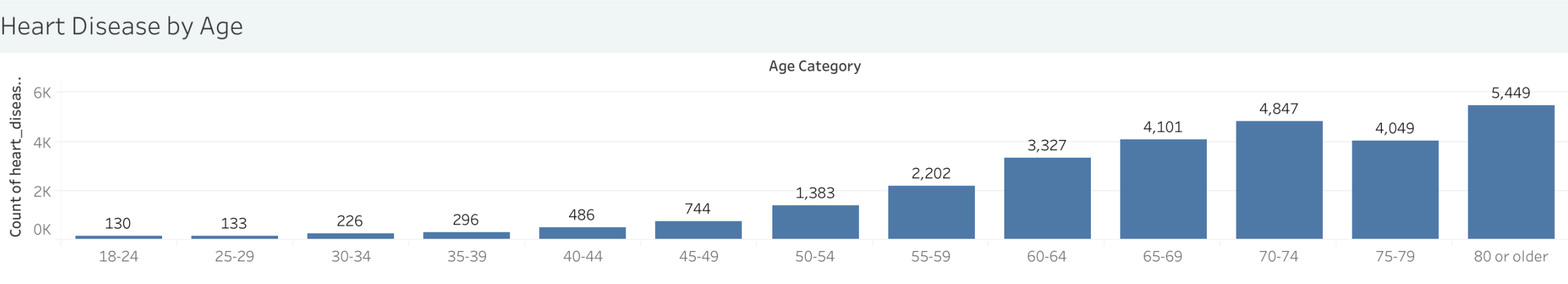
☐ No

☒ Yes

Sex

☒ Female

☒ Male



Age Category

☒ 18-24

☒ 25-29

☒ 30-34

☒ 35-39

☒ 40-44

☒ 45-49

☒ 50-54

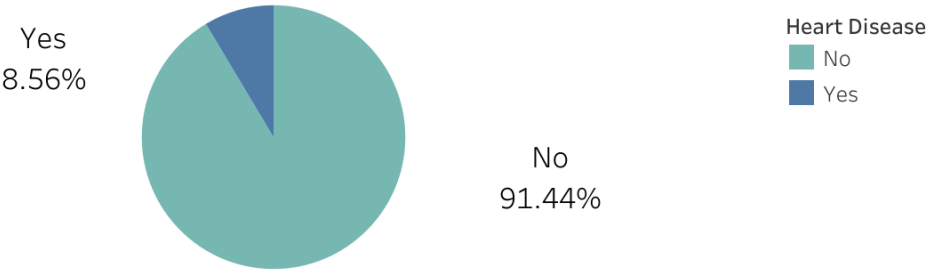
Heart Disease

☒ Yes

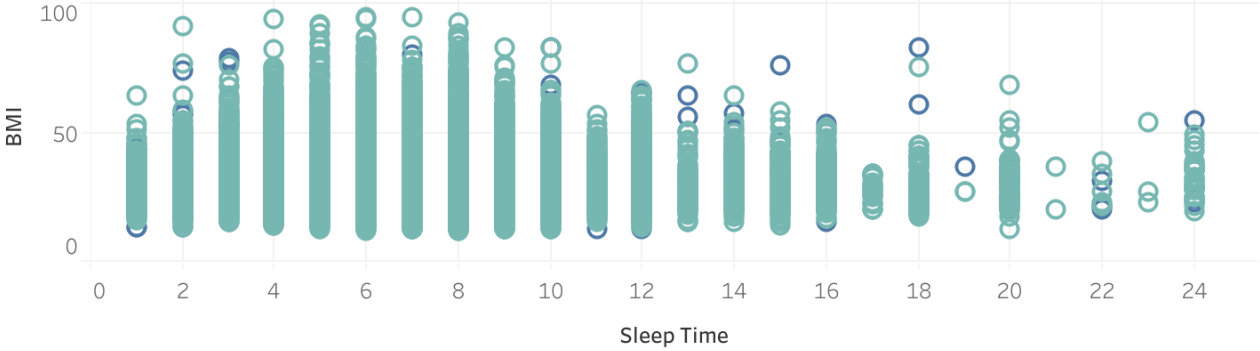
Living Habits Analysis

Home

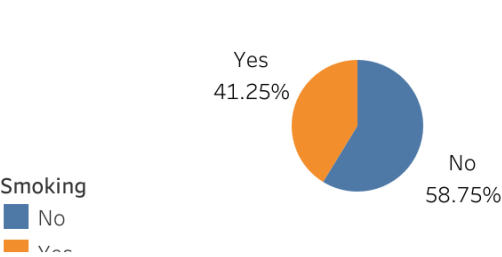
Heart Disease Percentage



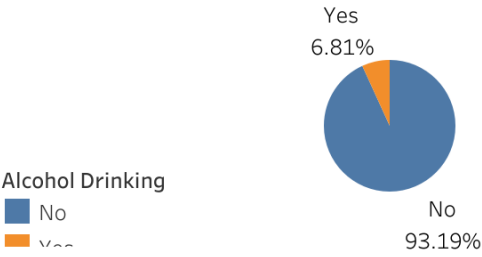
Heart Disease By Sleep Time and BMI



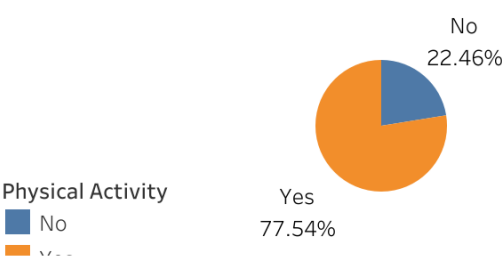
Heart Disease By Smoking



Heart Disease By Alcohol Drinker

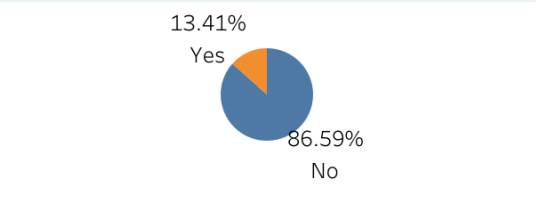


Heart Disease By Physical Exercise

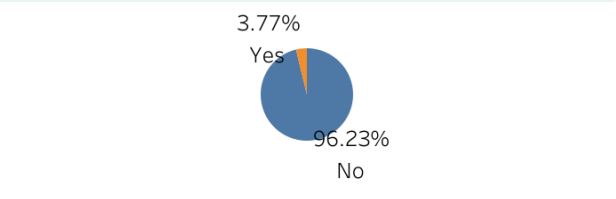


Health History Analysis

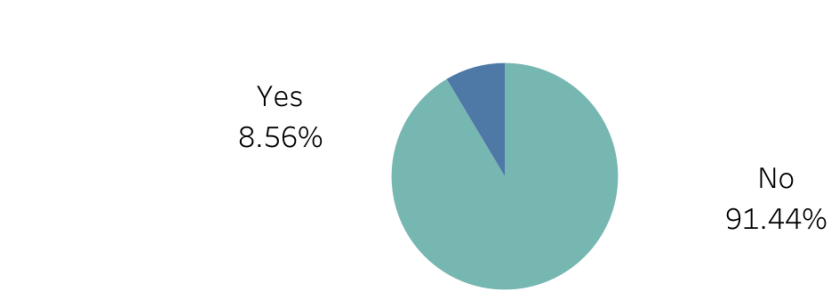
Asthma



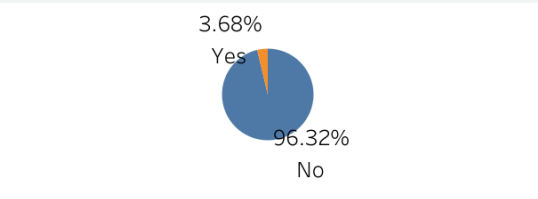
Stroke



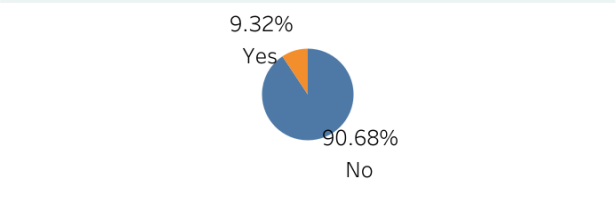
Heart Disease Percentage



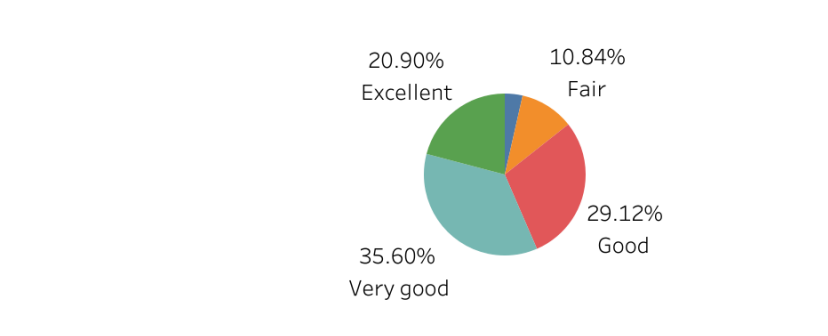
Kidney Disease



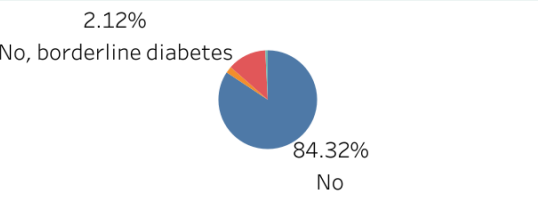
Skin Cancer



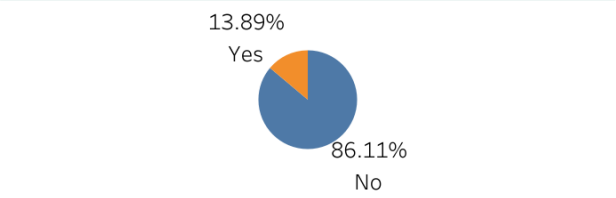
General Health



Diabetic



Difficult in Walking



Asthma

☒ No

☒ Yes

Diabetic

☒ No

☒ No, borderline diabet..

Diff Walking

☒ No

☒ Yes

Gen Health

☒ Poor

☒ Fair

Kidney Disease

☒ No

☒ Yes

Skin Cancer

☒ No

☒ Yes

Stroke

☒ No

☒ Yes