

Heart Disease Health Indicators

Introduction

The Behavioral Risk Factor Surveillance System (BRFSS) is the nation's premier system of health-related telephone surveys that collect state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services. Use survey responses from the (BRFSS) Behavioral Risk Factor Surveillance System for predicting heart disease risk , preventive health practices and risk behaviors that are linked to chronic diseases in the adult population.

Goals

The goal of this project Use survey responses from the (BRFSS) Behavioral Risk Factor Surveillance System for predicting heart disease risk , preventive health practices and risk behaviors that are linked to chronic diseases in the adult population

Data

This dataset contains 253,680 survey responses from BRFSS .Contains 22 columns (features) is (High Blood Pressure, High Cholesterol, Cholesterol Check, Smoker, Stroke, Body Mass Indicator (BMI), Diabetes, Phys Activity, Fruits, Any Health care, No Docbc Cost, General Health, Mental Health , Diff Walk ,Sex, Education, Income).

<https://github.com/maryam0003/Data>

Tools

- Numpy and Pandas for data manipulation
- Scikit-learn for modeling
- Matplotlib and Seaborn for plotting
- Tableau for interactive visualizations

Steps To Achieve The Goals :

- Importing Libraries
- Exploratory Data Analysis (EDA)
- Loading the Data
- Modeling
- Cleaning Data
- Evolution & Conclusion

