

Heart Disease Analysis

Team 4

Amit Shendge, Disha Kacha, Saniya Shinde, and Rachel Culbreath

Project Overview:

The project highlights the analysis of factors that lead to heart disease. The given data will allow us to draw a conclusion if someone is at a higher risk for developing or currently has a heart disease. Our group found this topic to be interesting because this is something that can affect everyone and to understand what contributes to heart disease at an early age will allow us to formulate ways to prevent heart disease from easily happening.

Dataset:

The dataset contains 22 column and 253,662 rows of data.

S.M.A.R.T Questions:

1. Can we identify patterns or trends that lead to an increased or decreased risk of heart disease?
2. Is there a certain sex that has an increased risk of heart disease?
3. Can we identify relationships between income and education that lead to an increased or decreased risk of heart disease?
4. Is there a correlation between physical exercise and people who have had a heart attack?

Source link: <https://www.kaggle.com/datasets/bhaveshmisra/heart-disease-indicators>

GitHub: https://github.com/DishaKacha7/Intro_Data_Science_Project_1