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Identifying and Visualizing Various Risk Factors of Heart Disease Data

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[Title]
HIB Capstone

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Abstract: Nowadays, heart disease is a leading cause of death in the United States of America. Behind these mortality rates, Cardiovascular disease (CVD) factors and Risk factors play a vital role. Through preventive measures and guidance, the patient can be treated for CVD and can decrease the mortality rate. An analytical and experimental study was conducted by using survey datasets. Performed multiple statistical analysis methods by using R studio software. The result data was visualized for clear understanding. Eventually increase heart rate, cholesterol and old peak shows significant result for main causes of CVD deaths. Studies show major amount of CVD patients belongs to the South part of the USA. Safety measures and effective plans were visualized through the dashboard.

[Abstract]