

Capstone Two - Prediction of Diabetes Using CDC Health Indicators

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Problem statement: Diabetes significantly impacts the health and well-being of millions of people in the United States. It is a leading cause of serious health complications such as heart disease, stroke, kidney failure, blindness, and lower-limb amputations. The prevalence of diabetes leads to substantial medical costs, both direct and indirect, including hospitalizations, medical care, and lost work and wages. People living with diabetes often require lifelong care and management, including regular monitoring of blood sugar levels, adherence to dietary restrictions, and physical activity.

Project Goal: Create a machine learning model that can be used by care givers to