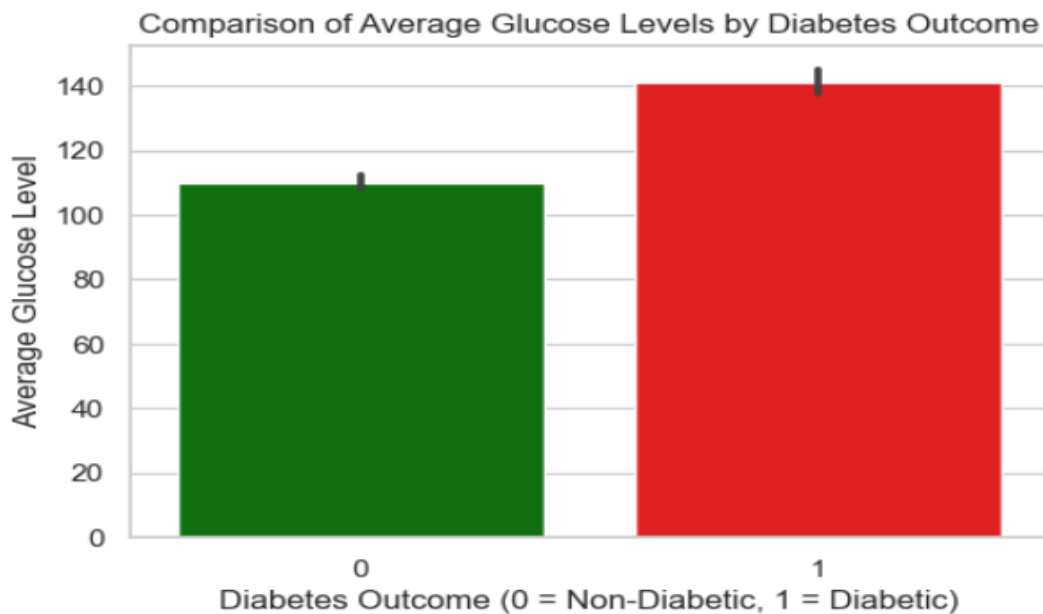


## Interactive Visualization of Diabetes Prevalence in the United States By [Jirui Zhang]

### Bar Chart: "Comparison of Average Glucose Levels by Diabetes Outcome"



#### Legend Explanation

Bars:

- The average glucose level data is presented through vertical bars which differentiate diabetic and non-diabetic patient measurements.
- The data shows diabetic patients in the red bars and non-diabetic patients in green bars to distinguish their results.

X-Axis:

- Displays the diabetes outcome (0 = Non-Diabetic, 1 = Diabetic).

Y-Axis:

- Indicates the average glucose level.

#### Findings Highlights

- The blood sugar measurement of diabetic individuals proves consistently higher than the blood sugar levels of non-diabetic individuals.
- People with diabetes generally show elevated BMI readings which suggests that body mass index influences the chance of developing diabetes.
- The data in the bar chart shows that glucose levels differ significantly between patients who have diabetes and those without.
- The combination of static with interactive visualizations helps stakeholders develop better insight into diabetes patterns which enables them to outline efficient preventive strategies.

Github Link: <https://github.com/jirui-zhang/pima-diabetes-analysis>