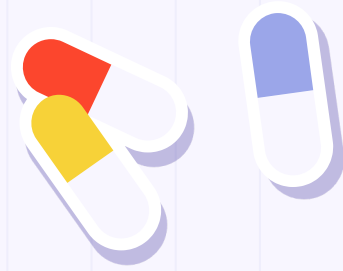


Prevent or Delay Diabetes

Presented by Jill Ke



Number of People with Diabetes

37.3 million

11.3 % of the US Population





Goal

By investigating factors that are most associated with diabetes, **physicians** can target patients and recommend **interventions** to **prevent** or **delay diabetes**

Measure of Success

- ✓ Prioritize 3 factors that are most associated with diabetes

Methodology



Data Collection

- Diabetes Data from Kaggle
- General Statistics from CDC



Data Cleaning

- Exploratory Data Analysis Using Google Sheets



Data Visualization

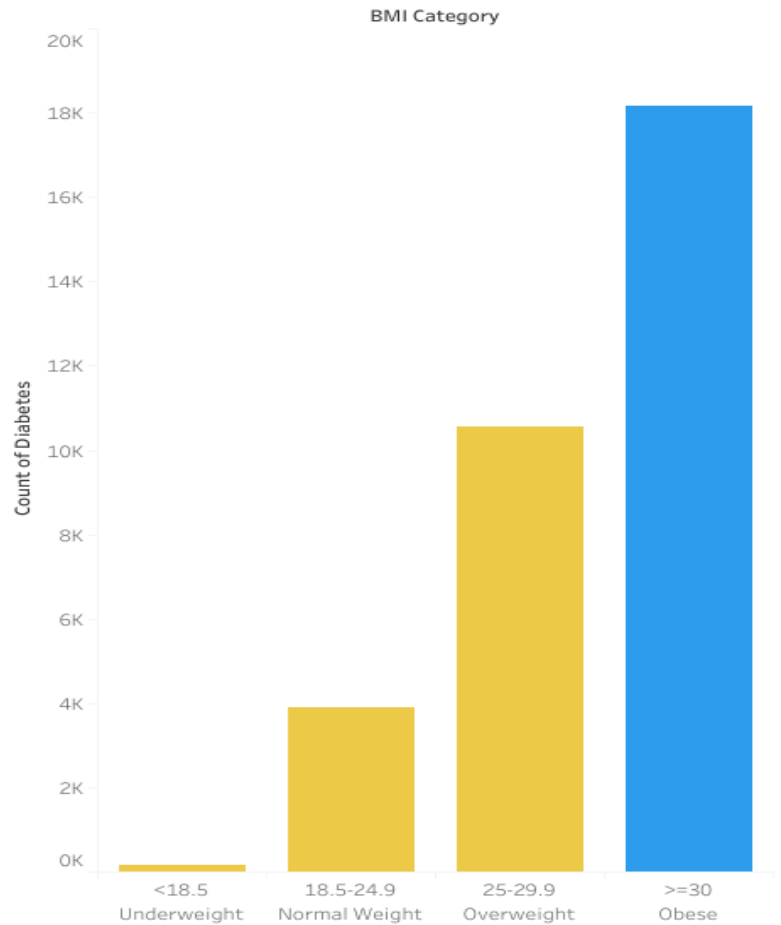
- Tableau



Future Work

- Build Regression Model

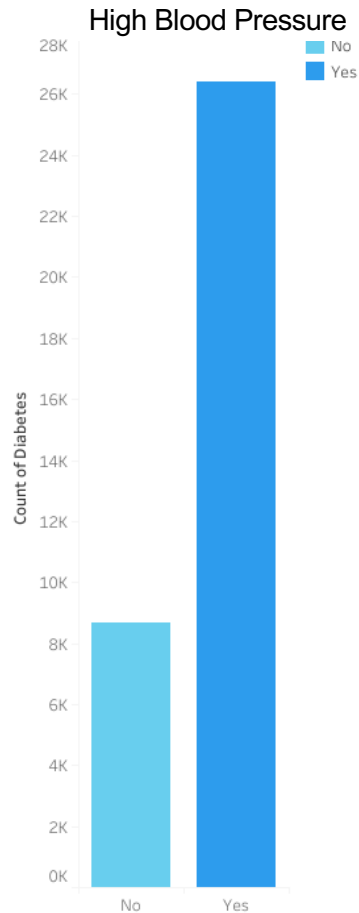
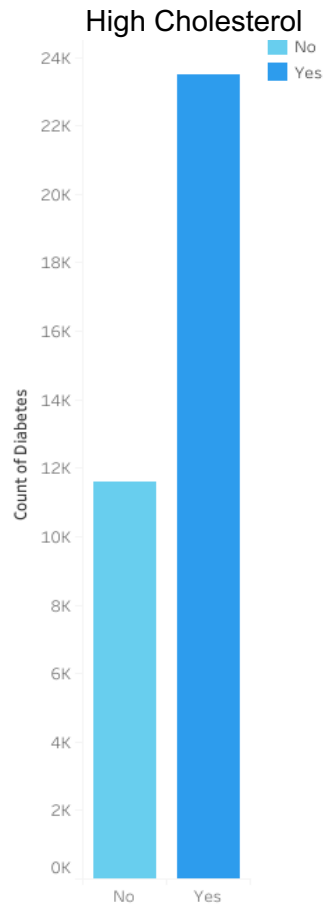
Diabetic Patients' Body Mass Index



Body Mass Index (BMI)

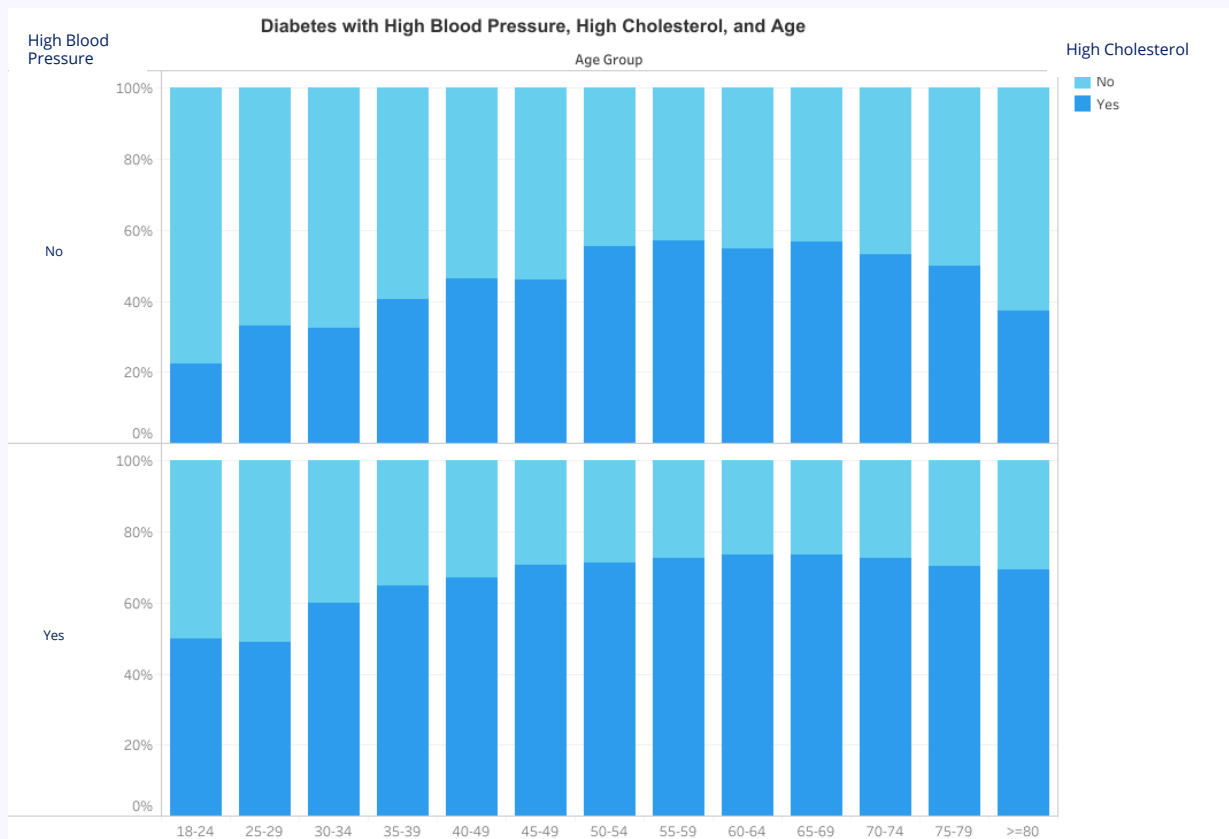
<18.5	Underweight
18.5~24.9	Normal Weight
25~29.9	Overweight
≥30	Obese

Diabetes associated with Obesity



People with diabetes have **high cholesterol** and **high blood pressure**





Age 65-69: age group with high blood pressure and high cholesterol





Conclusion

3 Factors:

1. Obesity- Body Mass Index (BMI)
2. High Cholesterol
3. High Blood Pressure





Future Work

Build a model to predict the indicator of diabetes.



Thanks!

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