

PROJECT REPORT FOR TABLEAU DASHBOARD

Introduction

The Healthcare Diabetes Dashboard has been created using Tableau to analyze and visualize diabetes-related healthcare data. The dashboard features donut charts, bar charts, bubble charts, and heatmaps to provide a detailed view of diabetes management, patient demographics, and treatment effectiveness.

Objectives

To visualize patient demographics and management metrics effectively.

To identify trends and patterns in diabetes prevalence, treatment efficacy, and patient outcomes.

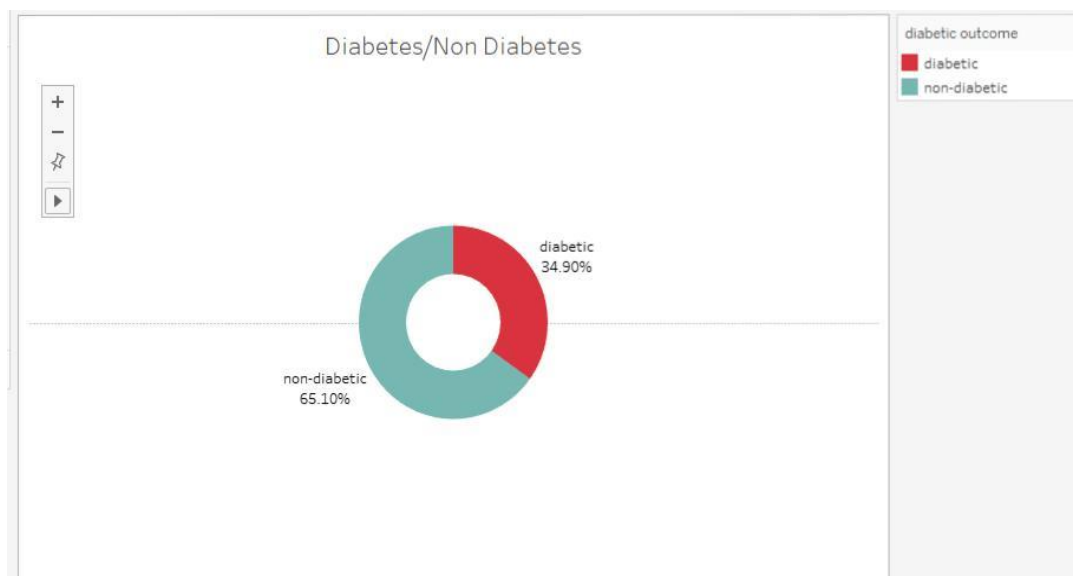
To support data-driven decisions for healthcare providers and stakeholders.

Data source

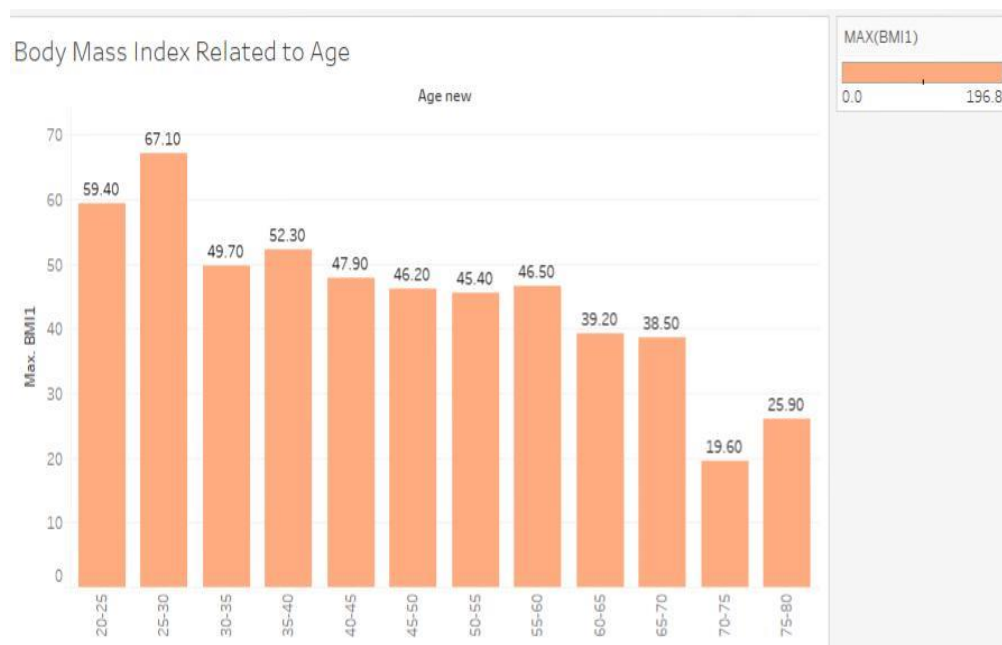
Healthcare diabetes dataset used for creating this dashboard.

Donut chart:

Donut chart visualization shows the diabetic and non-diabetic outcome



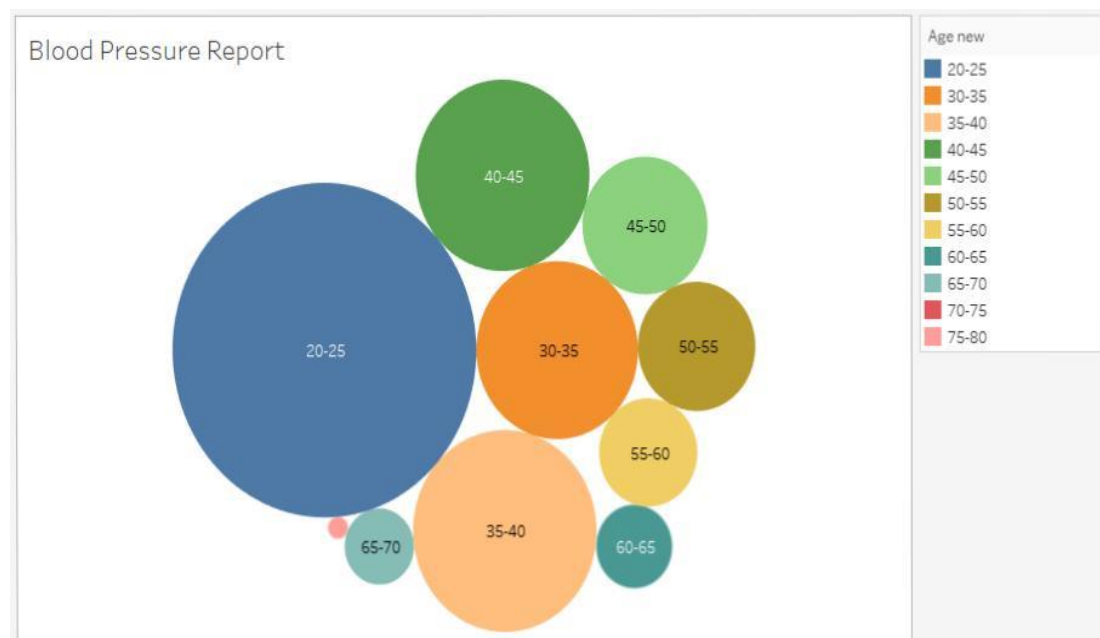
Bar chart is used for persons age related to bmi for their healthcare conditions.



Bubble chart

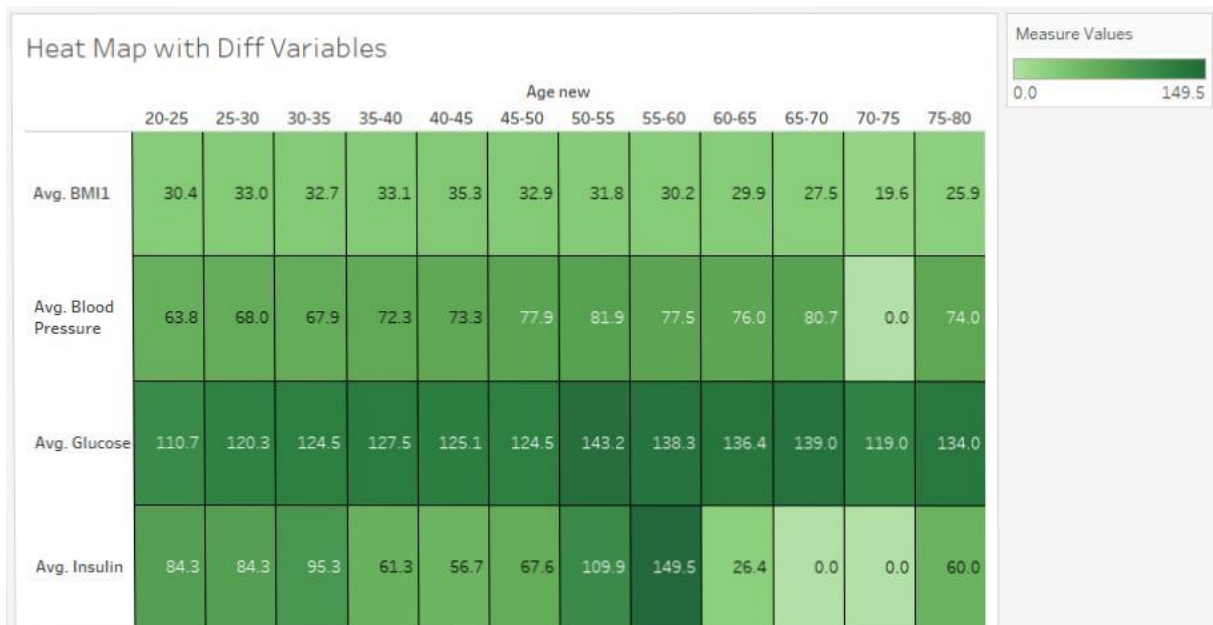
Bubble chart shows the Blood pressure report for the normal and abnormal persons.

bubble chart doesn't take age group of 25 -30 in visualising.



Heat map

Heatmap shows the visualisation of Patients avg BMI,avg blood pressure,avg insulin and glucose level.



Conclusion:

Diabetic and non-diabetic outcome result, BMI related to age , Blood pressure and heat visualises the average of health of patients.