

## **DIABETES ANALYSIS DASHBOARD**

768 Total Patients

268 **Diabetic Patients** 

33.24 Avg. Total Age

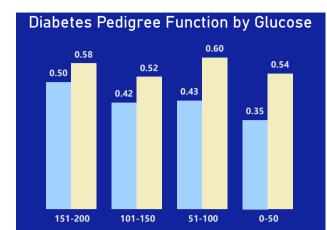
Avg. Diabe...

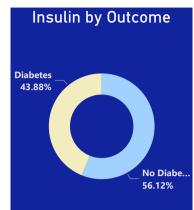
Avg. Total B..

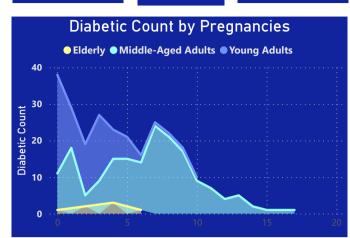
35.14 Avg. Diabetic BMI

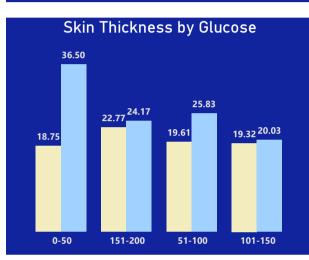
Avg. Total BP

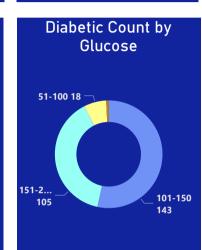
70.82 Avg. Diabetic BP

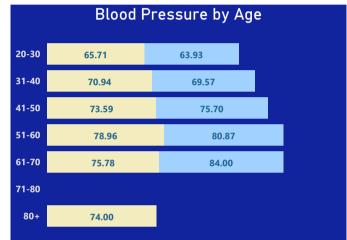


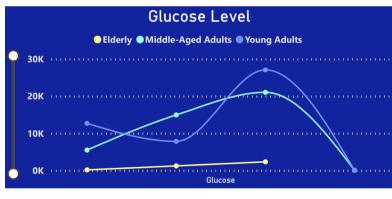


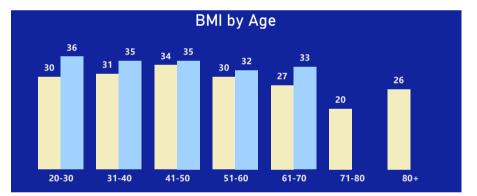












Key Insights:
Genetic Predisposition:

Individuals in the glucose range of 151-200 exhibit a strong genetic predisposition to diabetes, indicated by a higher Diabetic Pedigree Function (DPF).

Despite lower DPF, the group with glucose levels between 51-100 shows a higher diabetes diagnosis rate (Outcome = 1), suggesting a nuanced interplay of genetic and lifestyle factors in

**Lifestyle Impact:** 

Lifestyle and environ nental factors significantly influence diabetes outcomes. Diet, physical activity, and stress management play crucial roles in prevention and management. ecommendations:

Develop tailored healthcare plans for individuals with high DPF and glucose levels (151-200). Customized interventions considering genetics and lifestyle can enhance diabetes management.