

# MeriSKILL Project 3: Diabetes

## Diabetes Dashboard



## About the dataset:

It's about diabetes with pregnancies, glucose, blood pressure, skin thickness, insulin, BMI, DPF, age and outcome.

## Data insights:

- 1- 35% of the data were females with diabetes, it means 268 females had diabetes.
- 2- On average, females with diabetes have insulin level of 100.34 with an increase of **45.85%** from females with no diabetes.
- 3- On average, females with diabetes have glucose level of 142.26 with an increase of **28.5%** from females with no diabetes.
- 4- On average, females with diabetes have BMI level of 35.4 with an increase of **14.75%** from females with no diabetes.
- 5- Average BMI was greater for females who have diabetes across all age groups.

- 6- **61.57%** of females with diabetes were adults, which means they were from 25 to 45 years.
- 7- There was a moderate positive relationship of **0.61** between skin thickness and BMI.
- 8- **82.46%** of the females with diabetes were obese with a BMI over 30 kg/m<sup>2</sup>