Diabetes Risk Prediction

1. Dataset : Early stage diabetes risk dataset.

**Attribute Information:**

Age 1.20-65   
Sex 1. Male, 2.Female   
Polyuria 1.Yes, 2.No.   
Polydipsia 1.Yes, 2.No.   
sudden weight loss 1.Yes, 2.No.   
weakness 1.Yes, 2.No.   
Polyphagia 1.Yes, 2.No.   
Genital thrush 1.Yes, 2.No.   
visual blurring 1.Yes, 2.No.   
Itching 1.Yes, 2.No.   
Irritability 1.Yes, 2.No.   
delayed healing 1.Yes, 2.No.   
partial paresis 1.Yes, 2.No.   
muscle sti  
ness 1.Yes, 2.No.   
Alopecia 1.Yes, 2.No.   
Obesity 1.Yes, 2.No.   
Class 1.Positive, 2.Negative.

1. Problem statement

* Diabetes is very common disease with many risk factors that can lead to getting diabetes.
* Is it possible to predict whether a patient/individual is at risk of early stage diabetes given the signs and symtoms.
* Since we are using an already labelled dataset to build a predictive model our task will be a supervised machine learning problem.
* Therefore we will be using a supervised machine learning classification approach to solve our problem.
* Based on the number of target class we have will need to build a binary classifier type of ML Model.

1. Bentuk ringkas molekul,