## Problem Statement:

Given diabetes related dataset and the objective is to determine the following with help of AI/ML

* Identify patients on path to high-cost disease state
* Assign patient scores based on the severity of condition
* Seggregate patients for 2 possible care paths
  + Care Intervention
  + Lower cost of care

Use the python and any of the relevant AI/ML libraries to implement and achieve any of the 3 objectives or all 3 objectives

1. Cleanse the data removing blank rows
2. Handle the outliers and missing data
3. Implement EDA and determine quality of data and is the data sufficient to achieve any of the above objective
4. Implement properly the categorical data with proper encoding
5. Implement proper feature engineering
6. Use the proper ML algorithm for training the model and data predictions. Leverage supervised or unsupervised algorithms based on the given dataset

The input dataset is uploaded in below link

<https://usecasedata1.blob.core.windows.net/diabetesdc/diabetes_data.xlsx>

Expected output:

Categorize patient data based on diabetes severity level(high, medium, low)