**DATA**

The data used is:

1. Diabetes.csv

# features = ['HighBP', 'HighChol', 'BMI', 'Smoker', 'HeartDiseaseorAttack', 'Fruits', 'DiffWalk', 'Sex', 'Age', 'Diabetes\_binary', 'Diabetes\_probability']

# target = ['Carbohydrates', 'Protein', 'Fat', 'Fiber Content', 'Potassium Content']

1. Cancer.csv

features = ['AGE', 'YELLOW\_FINGERS', 'ANXIETY', 'CHRONIC DISEASE', 'FATIGUE ', 'ALLERGY ', 'WHEEZING', 'ALCOHOL CONSUMING', 'COUGHING', 'SWALLOWING DIFFICULTY', 'LUNG\_CANCER', 'LUNG\_CANCER\_probability', 'Glycemic Index', 'Calories']

target = ['Carbohydrates', 'Protein', 'Fat', 'Magnesium Content', 'Fiber Content']

1. Stroke.csv

features = ['gender', 'age', 'hypertension', 'heart\_disease',

'ever\_married', 'work\_type', 'Residence\_type',

'avg\_glucose\_level', 'bmi', 'smoking\_status',

'stroke\_probability', 'Glycemic Index',

'Calories', 'Suitable for Blood Pressure',

'Magnesium Content', 'Calcium Content', 'Fiber Content']

target = ['Carbohydrates', 'Protein', 'Fat', 'Sodium Content', 'Fiber Content']

1. Cardio.csv

features = ['age', 'cigsPerDay', 'prevalentHyp', 'totChol', 'sysBP',

'diaBP', 'BMI', 'heartRate', 'glucose', 'CVD\_probability',

'Glycemic Index', 'Calories', 'Carbohydrates', 'Protein','Sodium Content',

'Potassium Content']

target = ['Carbohydrates', 'Magnesium Content', 'Fat', 'Sodium Content', 'Fiber Content']

These are the features and target values.

**MODELS**

The recommendation models have been saved as:

***diseaseName\_ffnn\_model\_versionNumber***

For any model have more than one version, the second version is the most optimal and is the one used.

**DATA SCALERS**

The respective data scalers have been stored to be used for data scaling in the the future. These scalers can be loaded, depending on which model the user is interacting with.

The scalers take the form:

***disease\_scaler.pkl***