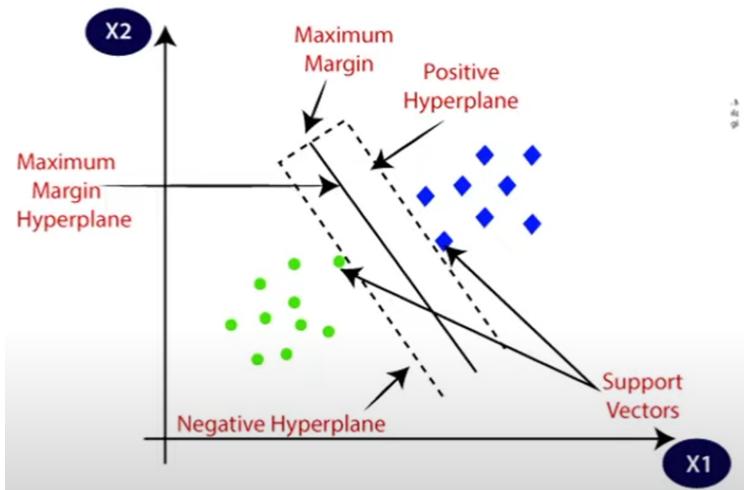


# Diabetes Prediction

We will use **SVM-Support Vector Machine** which is a type of supervised learning algorithm. It is used to solve classification and regression tasks.



For this case, it will classify whether a person has diabetes or not. Plots the data given in the graph and try to find a hyperplane. Medical information used are BMI, Blood Glucose Level, Insulin Level etc.

## WORKFLOW

1. Diabetes Data
2. Data Preprocessing
3. Train Test Split
4. SVM Classifier
5. Trained SVM Classifier
6. Whether Person is Diabetic or Not

Diabetics Data : - <https://www.kaggle.com/datasets/akshaydattatraykhare/diabetes-dataset>

Google Collab: -

<https://colab.research.google.com/drive/19ciTTvzk6HdeKAOCwptwKxbkn7pHXQfU#scrollTo=i-epX2eqsA6v&uniqifier=1>



[Code](#)