**SUPPORT VECTOR MACHINE**

SVM:

Support Vector Machine (SVM) is a supervised machine learning algorithm capable of performing classification, regression and even outlier detection.

APPLICATIONS:

SVM are used in applications like handwriting detection, face detection and email classification etc.

DATASET:

This data sets consists of 3 different types of irises’ (Setosa, Versicolour, and Virginica) petal and sepal length, stored in a 150x4 numpy.ndarray

The rows being the samples and the columns being: Sepal Length, Sepal Width, Petal Length and Petal Width.

Example



