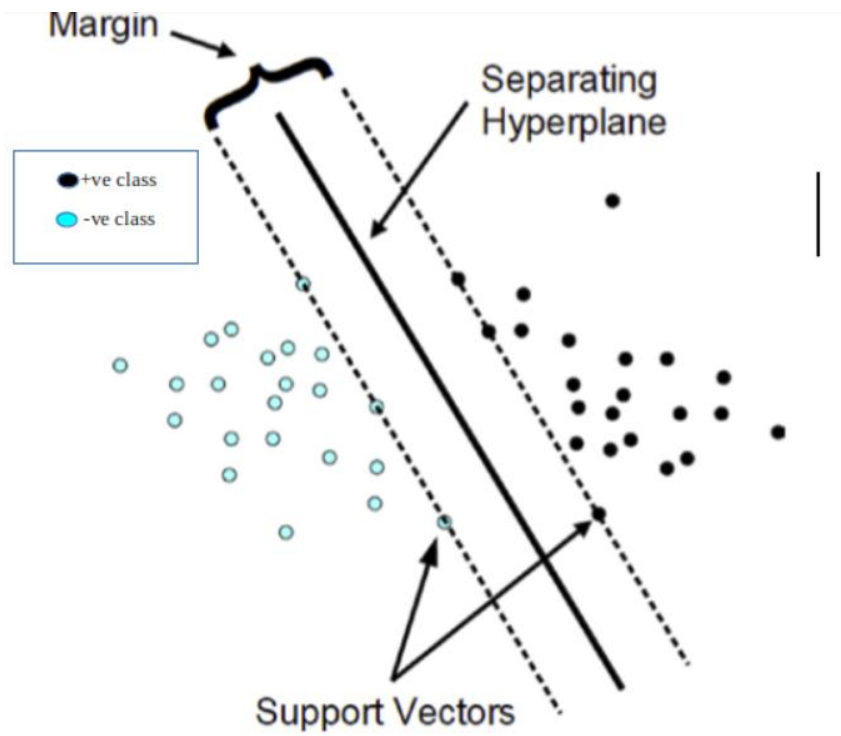


## SVM

- Its a supervised [machine learning algorithm](#) that can be used for both classification or regression.
- It is mostly used in classification problems.

### **The steps to create Hyperplane:**

1. Draw two parallel lines
2. No observation of train data should lie between those lines
3. One of each line should pass through atleast one observation of each class
4. The pair of lines with max distance is then selected
5. The middlemost line of the selected parallel line is the best classifier.



### Non Linear Data:

