

# SVM Classifier and regression

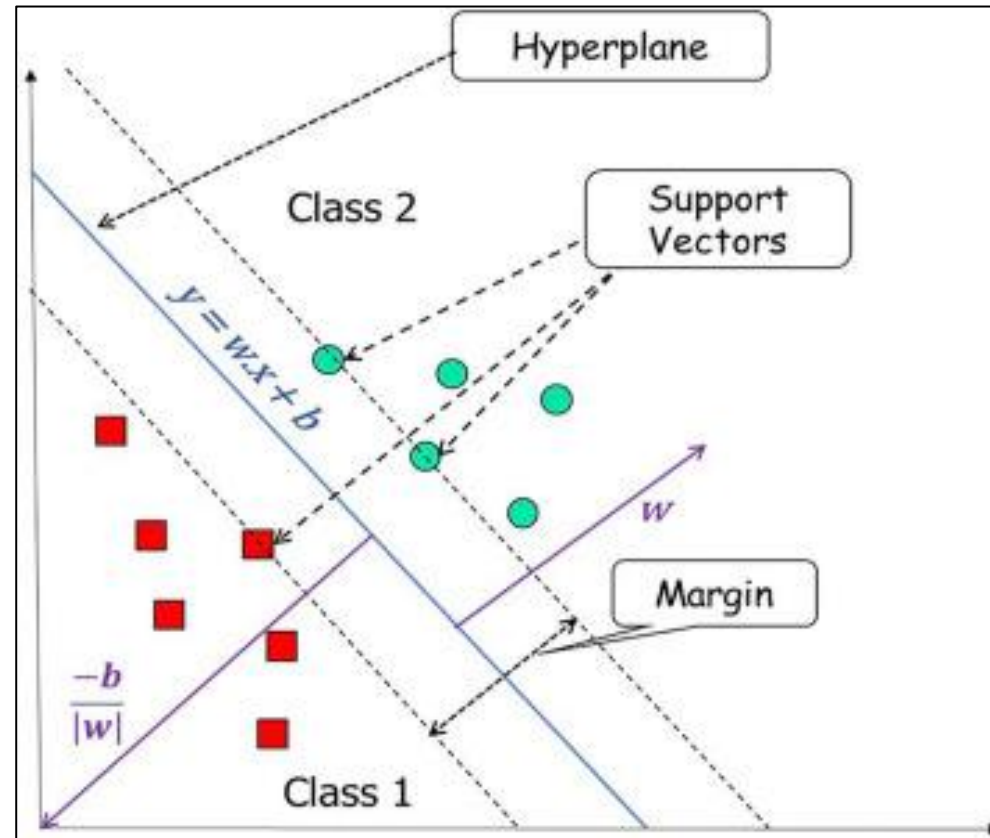
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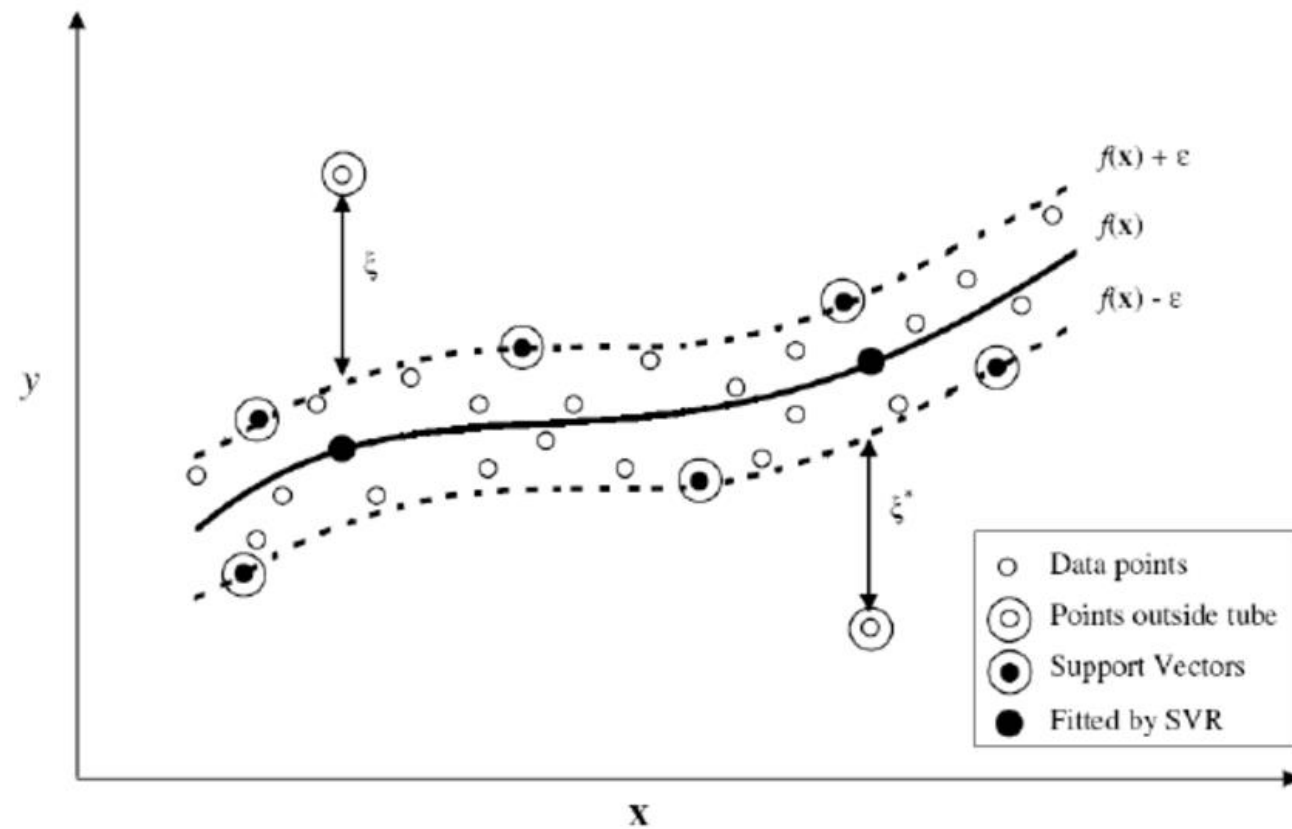


# Support Vector Classifier (SVC)

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# Support Vector Regressor (SVR)



# SVM code snippets in python

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```
# Support Vector Classifier  
from sklearn.svm import SVC  
model = SVC()  
model.fit(xtrain,ytrain)
```

```
# Support Vector Regressor  
from sklearn.svm import SVR  
model = SVR()  
model.fit(xtrain,ytrain)
```

# Disadvantages of SVM

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- Works well on small datasets like Iris
- Computationally expensive can take more time to train.

# Thank you

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