In [1]:
```python
from sklearn.model_selection import train_test_split
from sklearn.neighbors import KNeighborsClassifier
from sklearn.metrics import classification_report,confusion_matrix
from sklearn import datasets
```

In [2]:
```python
iris=datasets.load_iris()
iris_data=iris.data
iris_labels=iris.target
x_train,x_test,y_train,y_test=train_test_split(iris_data,iris_labels,
test_size=0.30)

clf=KNeighborsClassifier(n_neighbors=5)
clf.fit(x_train,y_train)
y_pred=clf.predict(x_test)
print('Confusion matrix is as follows')
print(confusion_matrix(y_test,y_pred))
print('Accuracy Matrics')
print(classification_report(y_test,y_pred))
```

```
Confusion matrix is as follows
[[19  0  0]
 [ 0 14  1]
 [ 0  0 11]]
Accuracy Matrics
             precision    recall  f1-score   support

          0       1.00      1.00      1.00        19
          1       1.00      0.93      0.97        15
          2       0.92      1.00      0.96        11

avg / total       0.98      0.98      0.98        45
```

In [ ]:

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