Splitting The Data

In [21]:
```
x=data.iloc[:,1:31].values
y=data.iloc[:,-1].values
print(x,y)
```

```
[[-1  1  1 ...  1  1 -1]
 [ 1  1  1 ...  1  1  1]
 [ 1  0  1 ...  1  0 -1]
 ...
 [ 1 -1  1 ...  1  0  1]
 [-1 -1  1 ...  1  1  1]
 [-1 -1  1 ... -1  1 -1]] [-1 -1 -1 ... -1 -1 -1]
```

In [23]:
```
#Splitting data into train  and test
from scipy.sparse.construct import random
from sklearn.model_selection import train_test_split
x_train, x_test, y_train, y_test = train_test_split(x,y,test_size=0.2,random_state=0)
```

In [24]:
```
x_train.shape
```

Out[24]: (8844, 30)

In [25]:
```
y_train.shape
```

Out[25]: (8844,)

In [26]:
```
x_test.shape
```

Out[26]: (2211, 30)

In [27]:
```
y_test.shape
```

Out[27]: (2211,)