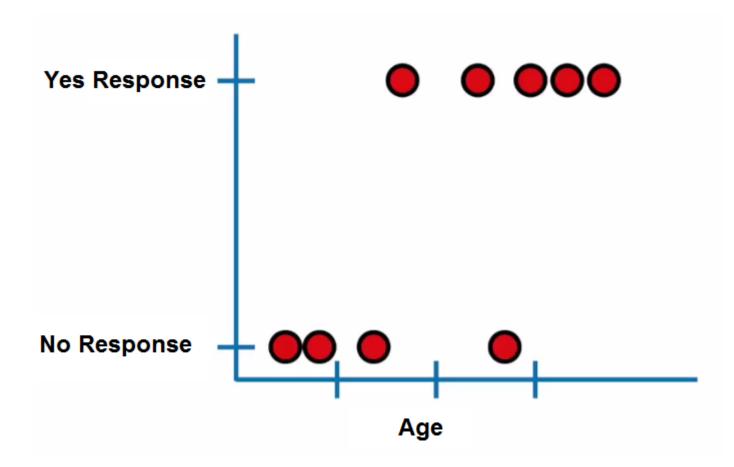
Classification

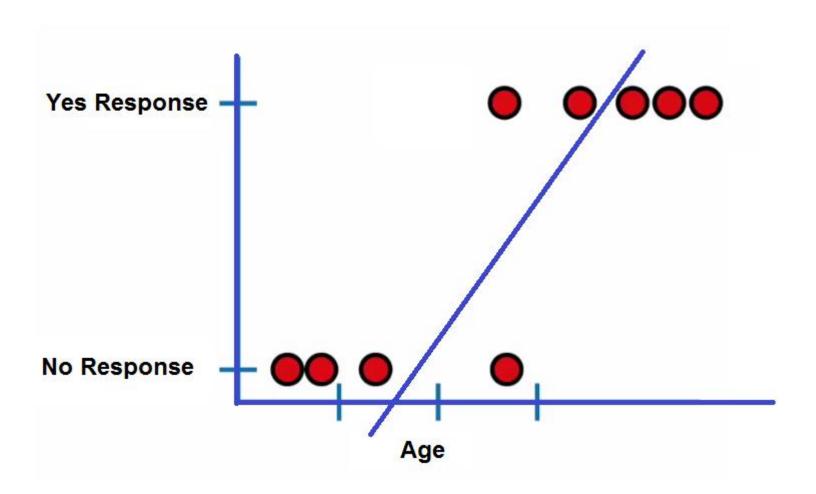
Confusion Matrix

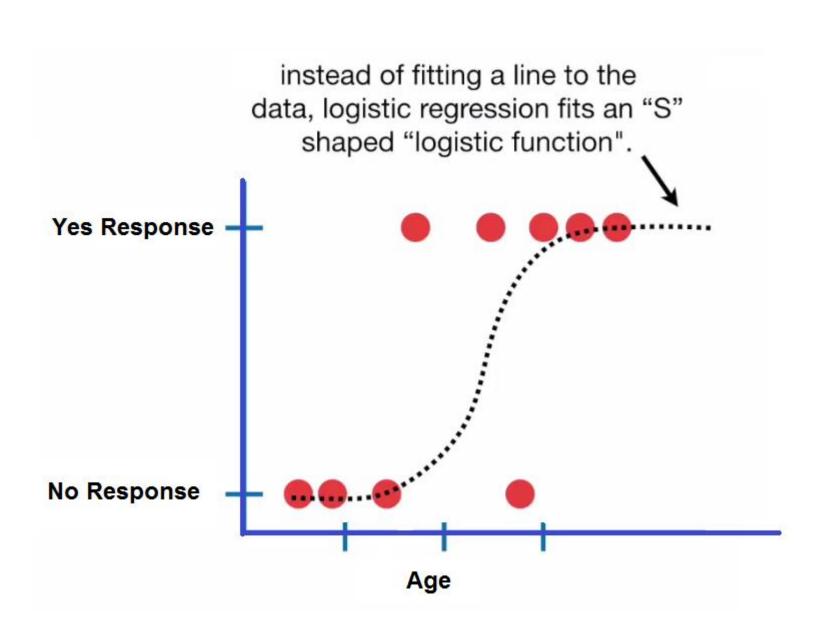
	Predicted:	Predicted:	
n=165	NO	YES	
Actual:			
NO	TN = 50	FP = 10	60
Actual:			
YES	FN = 5	TP = 100	105
	55	110	

Logistic Regression



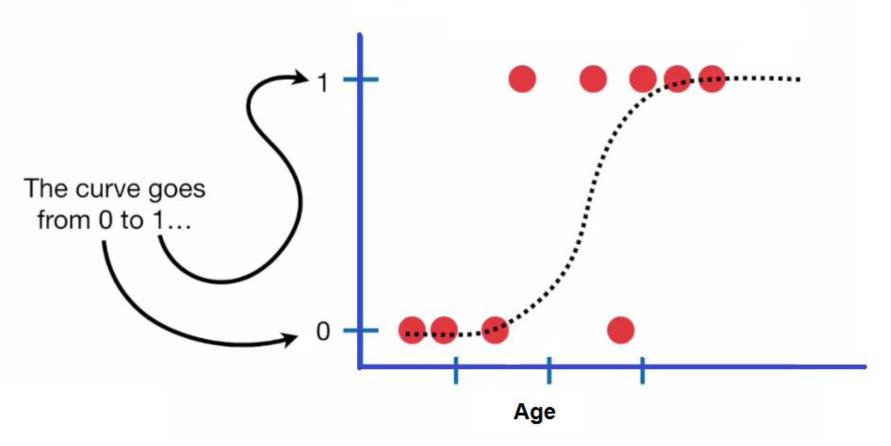
Logistic Regression





Logistic Regression

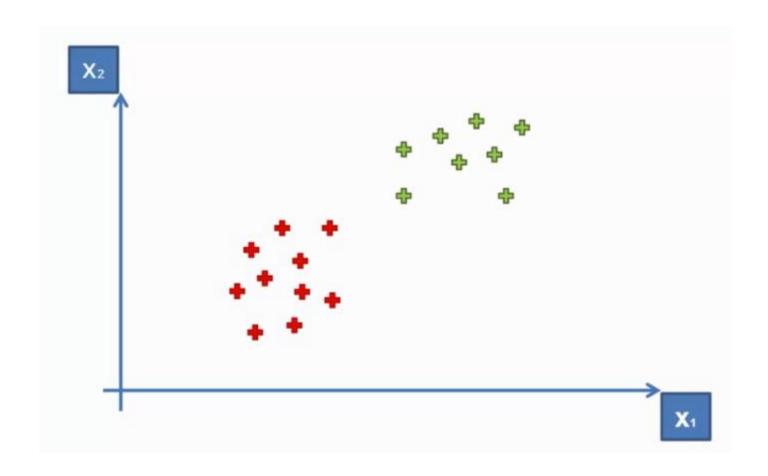
curve tells you the probability

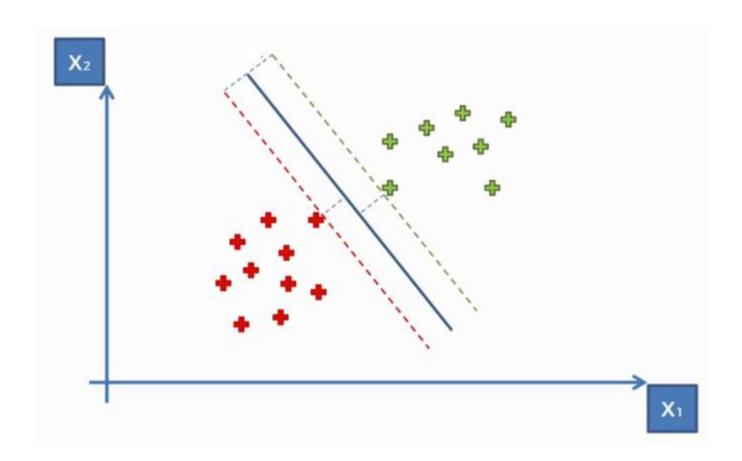


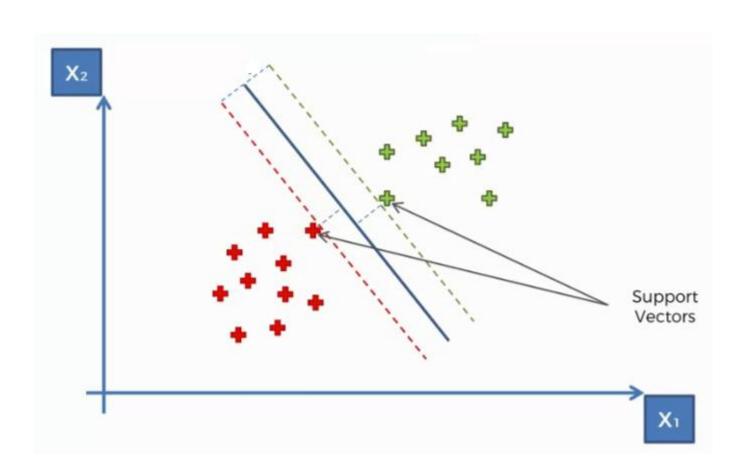
Feature Scaling

- StandardScaler will transform the data such that its distribution will have a mean value 0 and standard deviation of 1
- This is useful while comparing data that corresponds to different units. In that case, we want to remove the units.
- This is done in a consistent way for all the data, we transform the data in a way that the variance is unitary and the mean of the series is 0.

Support Vector Machine







Kernel SVM

