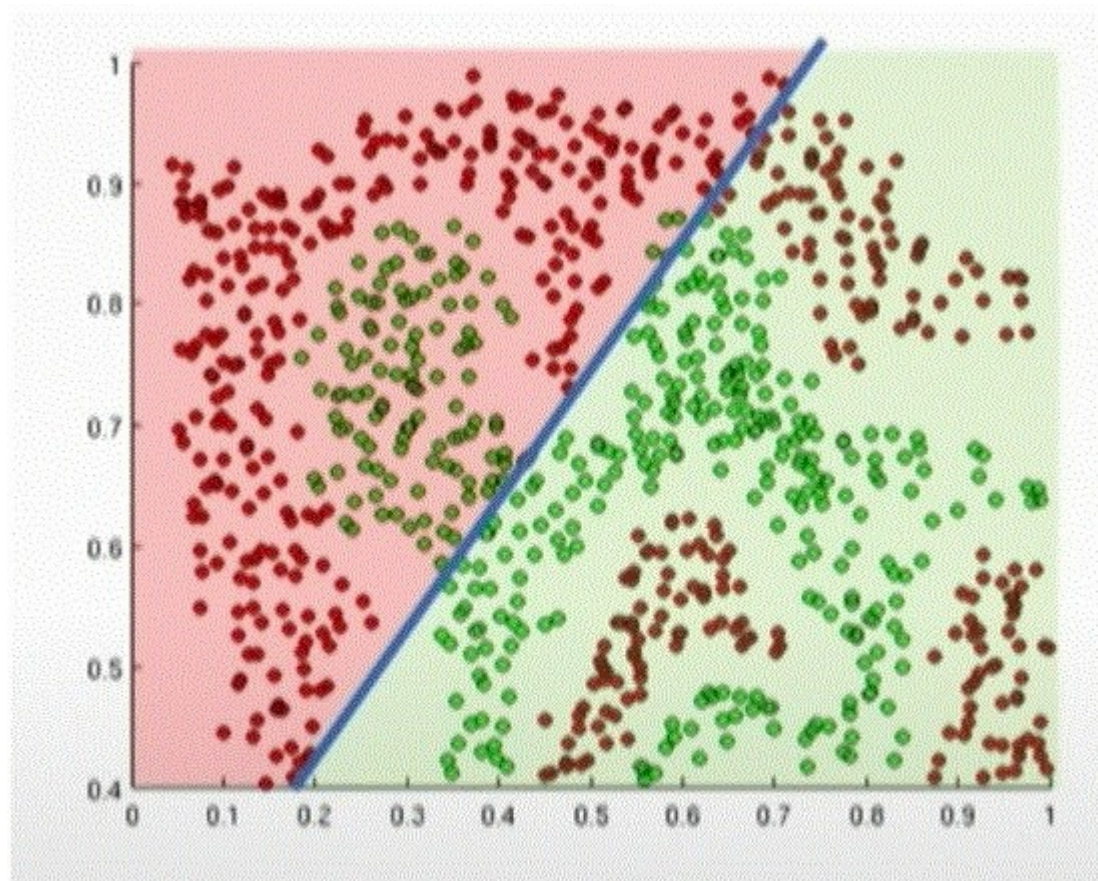
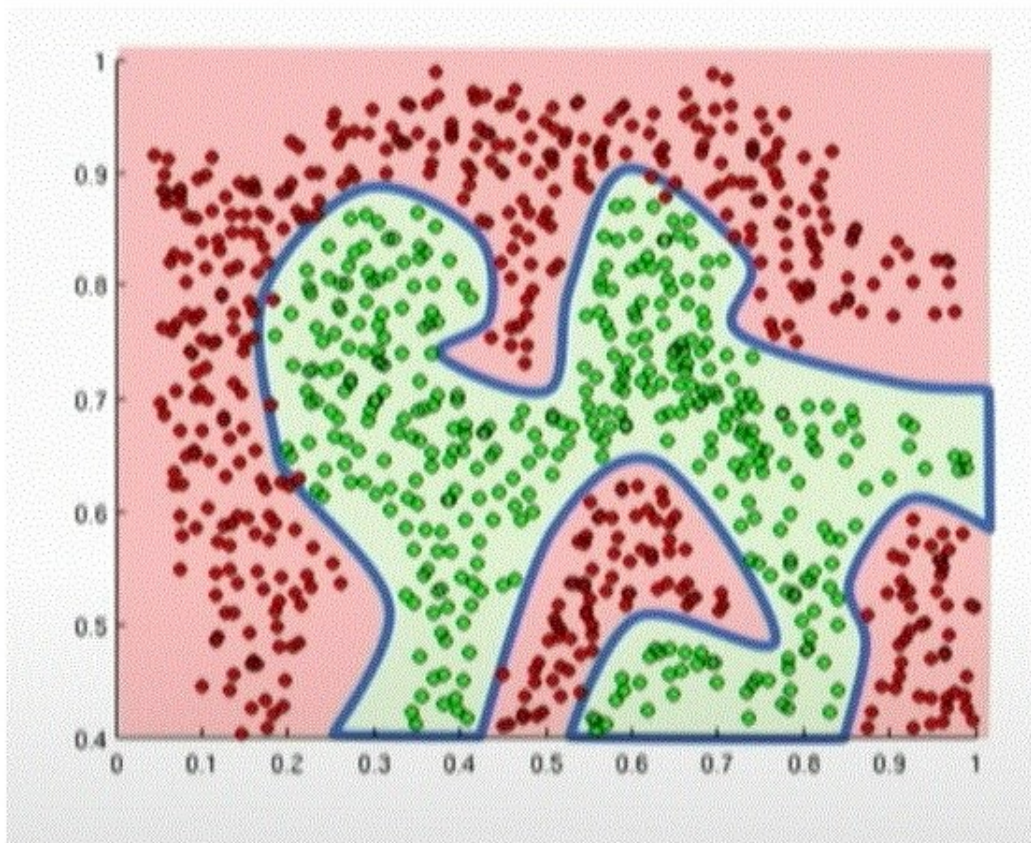


**Figure: Non-Linear dataset**

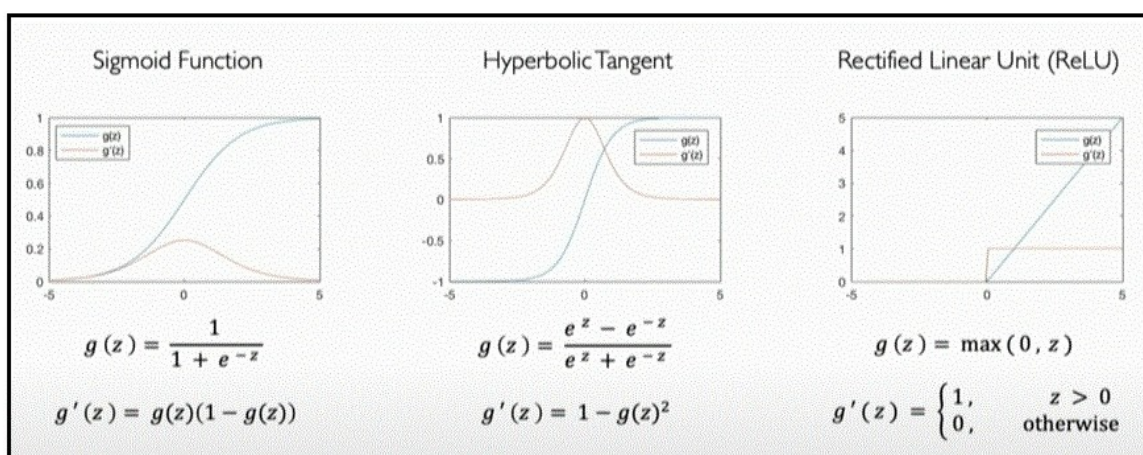


**Figure: Straight line (linear approach) to construct the decision boundary.**





**Figure: Decision boundary after using on-linear activation functions**



**Figure: Activation Functions**