**Day 2:**

**What Neural Networks is called state-of-art for Deep Learning?**

Consider a graph which is been splitted diagonally color it as red colored half and blue-half while the red points and blue points are there in their respective area.Due to some collapse the data got shattered where a red point get into blue area and likewise a blue one got into red area

Training a system which acts accordingly to get into a perfect classified point which is a base of Neural Network.

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**What are perceptrons?**

Perceptrons are kind of looks like of Neurons in Brain.

It consists of node which comprises of datas + boundary line which exclaims the generalizations (which we discussed before -- a bunch of points are scattered in graph with respective to their areas)

The boundary Line's features are extracted and given as a weights to the input whether it generalizes or not