**Loss Funtion** -How well a model fits d data(does it predict expected OUTCOME)

**Reg fuction** : prevent OVer/Uder Fitting

**Opti Cri** : sum of loss 4 training date\a and regularizer

**Regression tree** - Variance Reduction

**same calss** =0entrpy 2cClasses =1entpy

**Infor gain** is amt of infor improved in d node before spiltin:entryb4 spilt – after

**Infor gain ratio**: vectord infor gain to n=know if it is good for generalisation

**Decision Tree** - Root,Decision,Leaf

**How to reduce erro Prunnin** -split traing datat -trainin set and validation set

**Feed Foward Network** - AI NN in which d connection btw node does not form a cycle

**SoftMax** : an activation function in NN mode dat predicts Proba distribution

**Forward/Backwork pro** - test of error from left to right and vice vers

**Entropy : the expected infor of a message**

**Regularizer:** techniques that are used to calibrate machine learning models to adj