***Types of Neural Network***

***5 Main types***

1. ***MLP- Multi Layer Perceptron.***

***There are multiple layers***

***Used for any kindoff Supervised ML it is good for capturing hidden layers patterns***

1. ***CNN – Convolutional Neural Network.***

***It is most used for Video Processing & Image processing etc etc.***

***It is great type of ANN.***

1. ***RNN – Recurrent Neural Network.***

***Above both Neural Network it is Feed Forward Neural Network. (mtlb 1st layer se aageh last layer tak info linearly jaata hai )***

***Yeah different angle se work krta hai***

***Iska 1 Acha Variant hai LSTM***

***LSTM & RNN used much for NLP Task it is very famous .***

***4.) Auto Encoders.***

***It is used for compressing without Loosing Quality. E.g Artify ka***

***I have to Compress image or files without loosing quality.***

***5.) GAN (Generative Adversial Network )***

***We can make ANN imagine themselves,***

***We can generate Images, Movies , Storys , Songs etc etc***

***Great great just great this is Generative A.I***