Back propagation!

>It is an exceptive Algorithm and the train ANN, especially un feed-forward rewall networks.

stalié backpropagation:

> It is a network designed to map estatic 1/p you static 0/p.

selected,

these types of network are capable not isolving status classification problem such as ock (optical charactes peregnition)

Recurrent back - propagation:

It is a training Algorithm and you recurrent Neural Networks.

(RNN).

) It is good at hardling sequential data, such as time suris. or Natural Language. Diagram Blas

## Algorithm:

- 1. Input x, arrive through the preconnected path.
- 2. Then, weights W var randomly selected, then the 1/p is modeled using the weight.
- 3. Calculate the ofp of each neuron point the 3/p layer to the hidden layer to the ofp layer.
  - 4. Il calculate the error in 0/p.

Error B = Actual ofp - Desired ofp.

- 5. The woods are yest back to the widden layer from the o/p layer for adjusting the weights to less the everor.
  - bis Repeat the process until the defied of air achieved.

A duantage: pendulined & \* Efficient Learning \* Accuracy. \* Floribility Dis advantage: \* computational cost \* botal minima \* Requires large Dataset - + slow donvergence. BELOKE reter.