PS 643

+ We have talked about how CV come to history.

People age working in CV from 1950's

Transport in largert dataset.

Transport has enisted as a project for almost a decade.

There are more than 40 million images on Imageret.

-> Cricken has lot's of images as well, You can explosed your images as we have can explosed your images on pricker.

g smagenet has more than alk lakels of 3 images

What is deeplearning ? 2) how a baric NN work? You have a bunch of if nodes, hidden nodes it some off-node AU Mose nodes are connected by edges Each edges has weight

Error is diff blue the sen of the Off should come is defined by Sime formula . It works so loss and we update the weight based on loss Or wasps going till the loss doesn't.
disclose any more. This is known a
NN works.

You can't have a NN without 1 hidden layer if you want to do Some non linear Operation. All layer core fully convicted. 9+ is called Fully connected larger

when you have lot's of NN and one not fully connected , 9+ is deep NN.

In the earlier time when was do inege processing wheat we do is entract the features from the linge.

-) Soft more layer converts the off into a fully connected layer.

-> AU these layers are the feature learning layer.

@ what does convolution, Relute. proofing layer does ?

Convolution do work same as kanny edge detection. (with only minor diff) A tayer has a window and it does. work on date A do convolution.

Relu layer is a very simple layer 9+ is a floor hype of func.

Relu(0) = \$ x , x>0

Ondividual and Aller

· Pooling layer: pooling layer is a goom in ay ming (Mano pool int is). In a feature uset it takes the man roller of discount others.

o) In was 2016 the idea of allbomated Cans was very popular. Af you. are touching in a CV. in the next 3 years again can makes money. No the aggregate futur. Even if you have aggregate, acc you instruct with can.

1) Automated can is not a seal thing but cool.

a Rolicy: Why do you wave automated Car? Real reason. you don't want to drive.

Host of the people. In me world down have moves to othered a car.

Thoma public Policy point of sie have much not be any can in no hoose order. Only how or busses should exiat.

- People buy cans thus to ago

-> There are cities in europe where initial the cities cans are borned completely of you don't want accordent then down by cans.

-11 Care are dustry that has no plantic Mony ways.