DAY 1

linear algebra ? 3 Blue 1 Brown probability Statustics

Math

Math.

implementation of algorithms

model pus k model

Since it is dependent data, this is ML

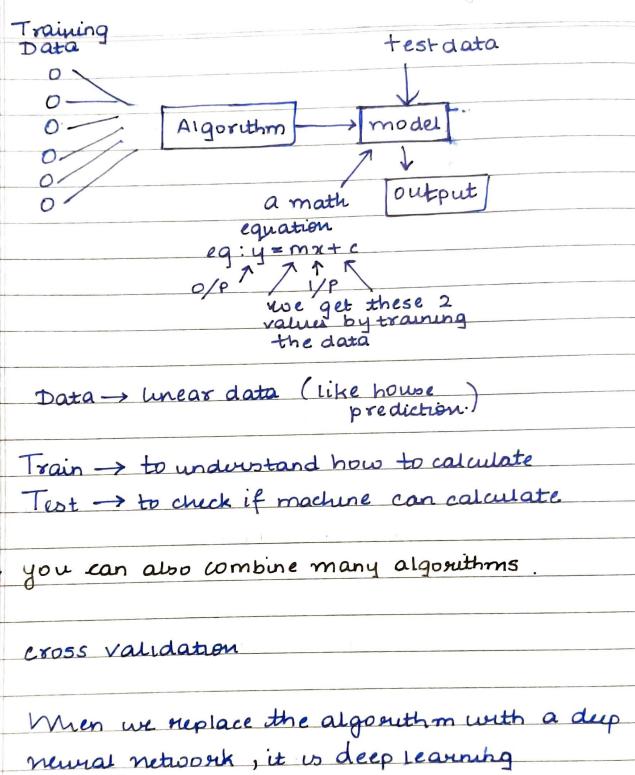
with Corpus

corpus -> the collection of something, in this case, it is data

DNN -> deep neural networks neurons help in exchanging bits of information

AI -> achieved by ML

ML > making algorithms learning from past experiences & improving the mathematical model



ML

Supervised

Unsupervised

-> Chustering

If you have only X but

not swu what y is.

(you have to execute the

model that tells you

which tells you object

belongs to which class

whatever you do is monitored.

If you do something

wrong, you are abked to correct it

You have both

X & Y.

(continuous values)

-> Regression

(eq. predicting house) prices.

-> Classification cat or dog

(0/1)

Pizza Problem -> Start a shop wit to the other 3 places

it 'll be the

centre wort

the rest of the 8 places

	Four points?
-	•
	2 un one
	prace & O
	in the other
	two dusters
	Which will have 2 pts ? -> whi

e most value in duster

Questions 0+1+1+2+6 = 2 median = 1 mean

Cancer Safe * x, f x2 are both Catwe & the answer will be the cluster the pt DX. well belong to.

Semi-superwised

4

create a bigger algo by putting 2 algos in it.

Some part of the data is supervised i.e.

Supervised Unsupervised

Reinforcement

Crassification

Christering

Regression

Reinforcement Learning

environment

State

Agent

action

If the action was right,

send reward

else send correction