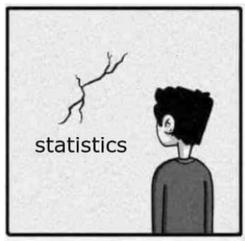
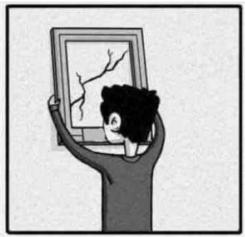
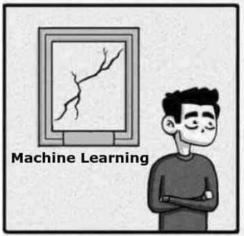
Agenda

- Dourney so fare
- o Mr 18 Clarrical programming
 - JM. Ri to 900 C
 - 5 MLE V8 SDE
 - 9 ML Tarks
 - o Types of Learning









My neural network just failed the deep learning homework



Just train a bigger one!



No, you don't understand...





MY neural network failed the homework



Journey so fare

- Des grassming Language:
- Probability and statistics

 Description
 - 9 Mean Median Mode
 - o Hypothesis Testing
- 3) Libraries: Load and process Data
 - 9 Pandas and Numpy
 - 9 Matplotlib and Seaborn
- @ Maths
 - podesimita c
 - o le cher and Madrix multiplications

Q Type of plat:

Virginale Analysis

1 Nunoni cal

D Histogram (KDE)

Dox blat

D Categorical

S Ban-plot

9 Countaget

9 Pie chart

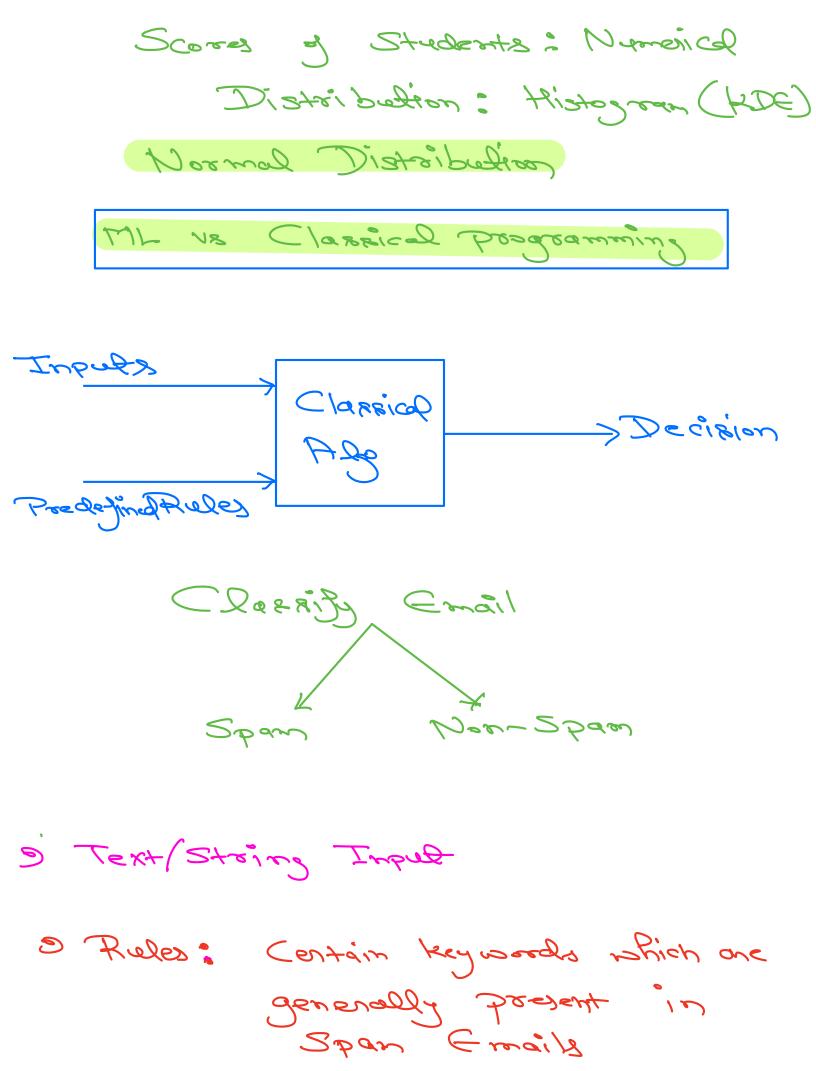
Bi voisale Analysis

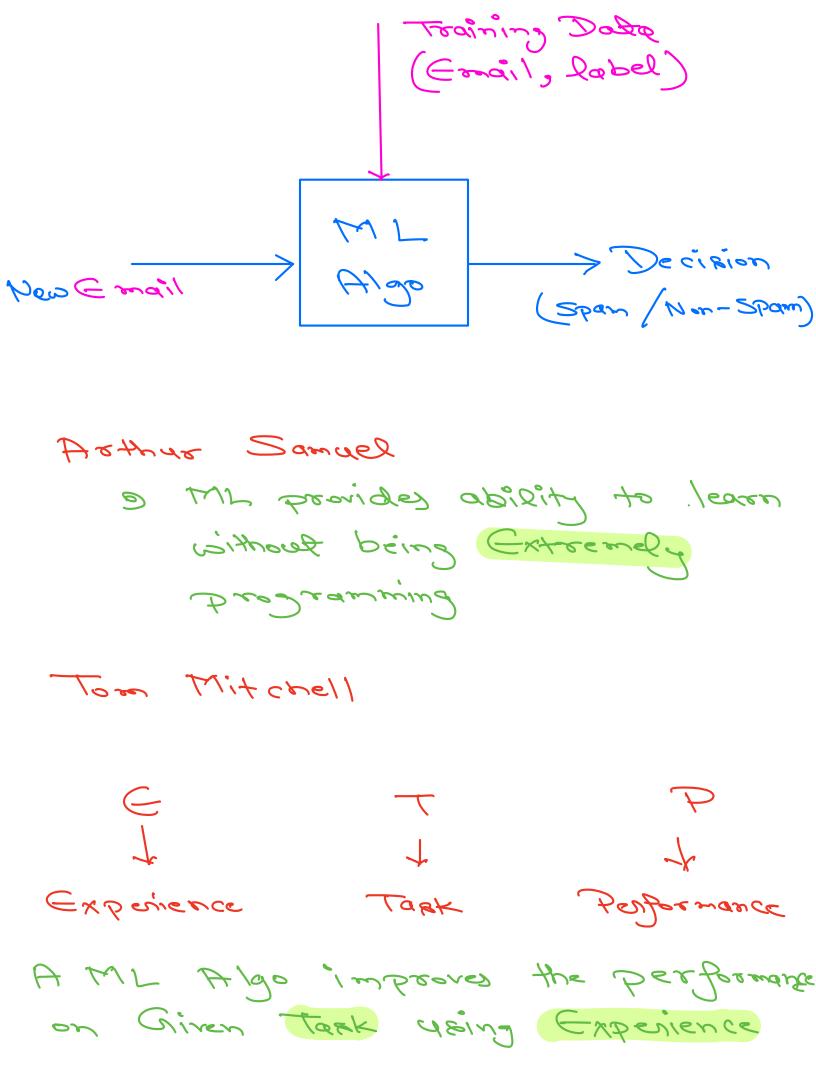
1 Nymonical - Nymonical



1 Categorial - Categorical

3 Numerical - Categorical





ML Categorization

Types of ML Algos based on tasks

O Clarrification

Given data put inter predegined Category

Text D Span and NonSpan Clarkification

Image 5 Cat 18 Dog Classification Gun 18 No Gun

Tabalar Dada Dan Appliand Clarkingication System Franco Detection Dinger Clarkingication

o Two cate going

Drane, Jed

3 Malti- label Classifications

Softlin Randlines

Formally Fewelles

ARist Aring

3 Kodrodyan D models/predict Carrinon Novidple Ex: House baice basopiction Ca price prediction Stock gaice Prediction Tem perabere Do 2 20,3 9; D Nameric (A, B)

(-ing, 'ing) Do Soi-Kgi-KHI..... Ji-1, Ji 3 Tem pendryse of Today Trades of today

	area	Poors	age	Location	Poice
\	000	d	B	Manyada Tech park	10 K
2	1200	Ŋ	•	y cla hank	12K
ω,	ഡ് 8	Q	Õ	shite Field	Sork
7				1	ηχι

XXX

point -> 10000 @@/long

Range 5 [8000]
95% Congidence

Clustering

Do Exixo3

A set of Castooner and Aprile

* Customer Segmentation

Creste K 200427

Crowb 1. Shift bring

(Quadle 5)

Group 3) = l'ike to gurchair Apponel

wnich of the followings is/are true about classification?

-						
4	\sim	n	•.	\sim	m	e
-	u	u	ш	u		

Active Duration(Most preferred: 30 seconds)

	,	,					
Appe	ars for	30 Secs	•				
A	A Classification can be defined as a predictive model mapping inputs to discrete outputs					Parl	
В	Class label prob. enables classification algos to predict continuous values.		os to predict	ə 5	Regres	<u> </u>	<i>1)</i>
С		cation algorithm can have both dis	screte and real-		Regres	18i-n J	
D	All of the	options				100	
					9819	oit Catio	り

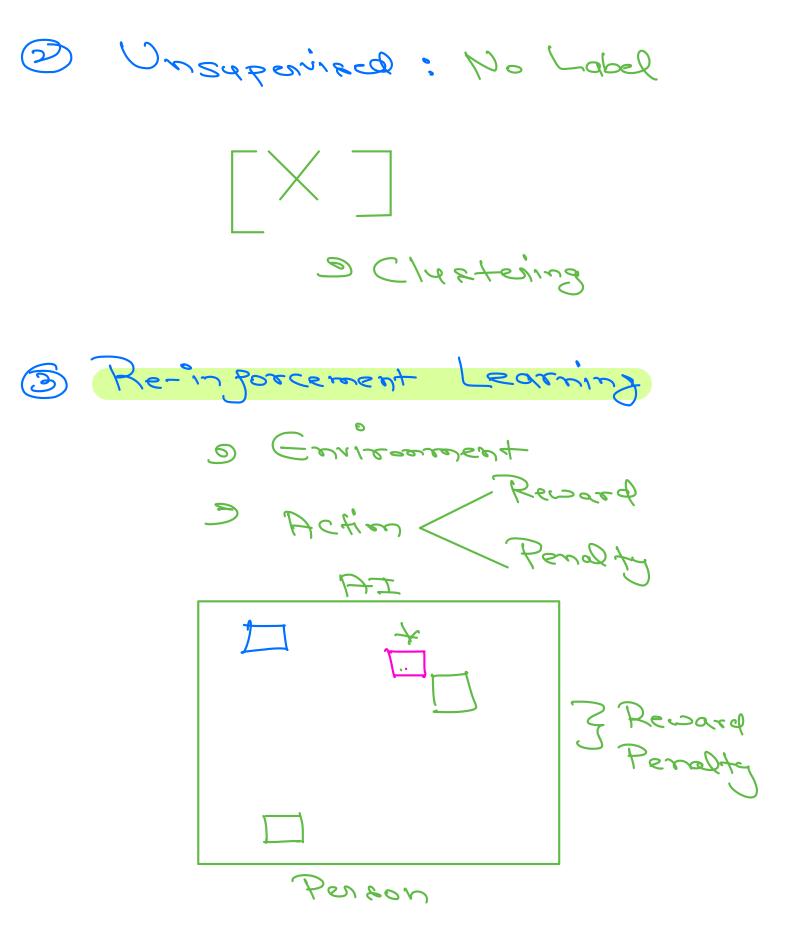
Types of ML Algor based on Learning

Torget

Description

Regression

Classification



You have a dataset of customer feedback comments, and you want to categorize them into different topics, such as product quality, customer service, and delivery.

Is this a supervised or unsupervised learning problem?

2 options

Active Duration (Most preferred: 30 seconds)



Topic Modeling & Unsupervised

