Dimensionality

- refers to the number of features AKA

Domentions, variables or attributes in a date set

the data set has

6 feature so dimentionally 26

The observations = entries/instance

(semale 1 supports

M	1	Feat	ure		6	at uni	5
3	T	Name	411	Height	WIIJH	Genter	city
1	0	Alice	25	165	60	Female	tormto
wit	1	BOB	30	180	70	MALE	NYC
0	12	Ali	20	168	58	Male	fronts

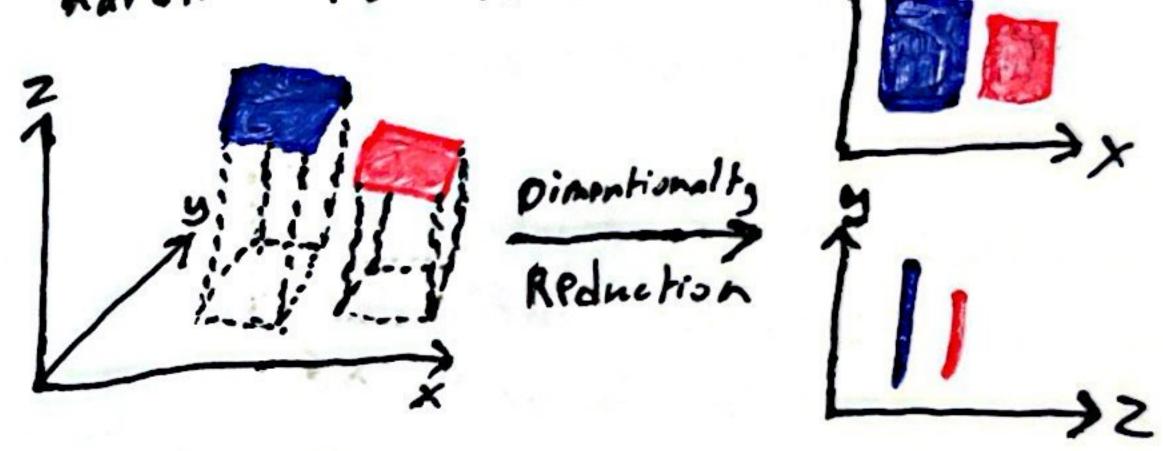
High Dimentional Data, having many Features can
pose unique Challenges, called "The corse of Dimentionality"

- and pattions become harder to find
 - Oimputionality

 Reduction is important

 Il see Dimentionality reduction

 Topic
 - . The past few topics
 and more all all part
 of Data preprospessing



Preprossing Engineering Feature Scaling Reduction Reduction

Target (output) only for superisod

- is what a ML model is trying to predict based on the features (input), for Ex in the house price prediction model from "Model" chepter the target is the price of the house while safe is input or in email detector its target : spanner not spanner

in labeled dala, fraing du ta houst include Both Both Features and corresponding target ral

inpat, France
(Var) -> (Model) -> (VAVZ)

• B1	rangonn of	terms.
term	4510 In	Meaning
tarjer/Aable	bennal Mb	trains to predict
C HI COLUMN TO A STATE OF THE S	And the second s	on imput Features
Class	classification tasks	Belongs to eg: cat 1009
		final result of Model,
Rosemal VIV	SLATS	AVI December Viers

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