(outive noticina)

4. Addition of vactors

$$P_{1} = \begin{bmatrix} -4 \\ 3 \end{bmatrix}$$

$$0 \text{ talled of a loop } \in$$

$$\theta = \begin{bmatrix} x_1 \end{bmatrix}$$

$$A = \begin{bmatrix} -2 \\ -2 \end{bmatrix} \quad B = \begin{bmatrix} -1 \\ -1 \end{bmatrix}$$

(NOUSE)

Example (w. s. + Data Science) prilepross est Solving a use case EDA 4 Explosotosy Data pridosof fod and a Analysis Senser 1 Senser 2 Fenibbilms (surprise feature Engineering [3, 5, 7] [2,4,6] D03+ final surs or Reading to 2 W 583 (E) Sansor (1+2) In Stata Science 4 [5,9,13] O Data Aggraga tion Tasks [obieni Ofenture Enginering Drata Science 4 we work in a field called Home neal volus (NLP whose you have we have an E-commerce website Reviews Sentiment whose people put various of Product is 1 spacific product Variate + Vacions product is & o opposed If so u are training a model for this a lot of moth calc that hoppens inside the mode cit can't understand model (-> Sentiment Strings) These ilp's which we feed to the model gets convexted to vectors

for converting

8 CF Text -> vector

Com use diff

embedding ?

enienniens ver techniques)

Separa a usa casa 1 one hot Encoding

@ TF - Toom forg

IDF

La Inverse Doc fregg

Every Sentence is convexted

to vectors (see) rocale

[Nomesical values inside

Numerical values

(3) CBOW

@ word 2 vec

O pala flyguage hon Tasks

O feetwar Enjinering

Proling priore belles blist o or drow sw es

89 fired you weath

word Embeddings

Data -> [0.2, 0.1, 0.4]

Science -> [0.3, 0.7, 0.2]

hoppins inside the end de

(apriore)

1914) stied in frammor - 3 no wed in

Dota Science of our works Spacific product)

Vzata + Vscienu ->

[0.2, 0.1, 0.4]

to + (0.3,0.7,0.2)

booter don too to transmed = [0,5,0,8,0.6]

(Dato Science (Vector)

test the de of all call .

erotes of betomnos else lelion ed of

& Image Processing

O Red channel -> R-> [255,128,0]

@ GREEN channel → G→ [128, 255,0]

@ BLUE Channel -> B -> [64, 64, 255]

In order to convert

RGB - your Scale } - [255+128+64, 128 + 255 + 64,

0+0+0]

for sway all

80, we get 85

final white and black