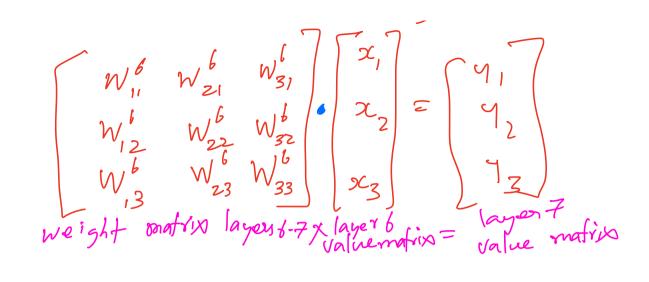
(MATRICES) - EMBEDDINOS beach pooblem inputs L'exoud size (0-1000) - 0-1 L wave height (1-10m) \_ 0-1 37239 people 39.14m Ht 2021 (0.23989, 0.91423) = 2-D 21-Mar-2021 0.23987 0.91423 (0.33 ... 0.914) (0.002 0.385), (0.054, 0.7(8), 0.102 0.385 90 0.718 0.654 2 PCD L NV index L Pollation index [10-239, 0.119, 0.539, 0.1, 0.0009, 0.99832],

(MATRICES) e rectors in ML lifecycle calculations (training, prediction) Wb matrix between 6 & 7  $x^{1}, y_{1}^{11} + x^{2}, y_{6}^{21}$ = x; W12 + x 2 W22.



For all thic vedo tonatis compute

PU state, was Go PU s

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operations

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TPUs — Tensol Birainy

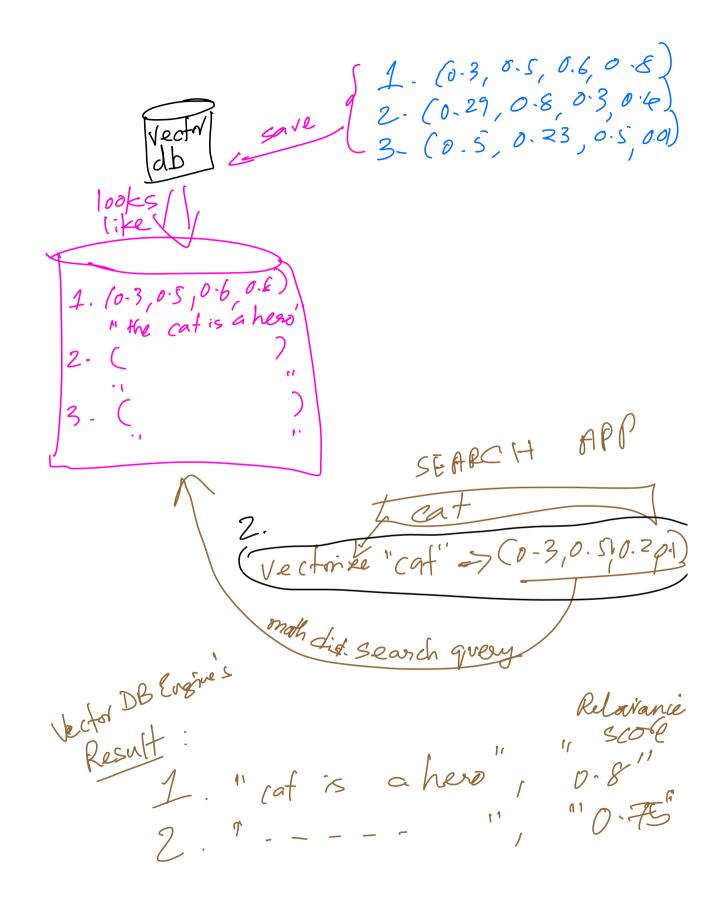
Unit

achieved by the use of eucoding models 42 vector

"Cat" = (0.3, 0.2, 0.1, 0.4) system" = (0-2,0.4.0.3,0.5) 11 what's up, doc?" = (0.3, 0.2, 0.1, 0.005) 2 mm = (0.29, 0.15, 0.11, 0.003) 1 Embeddings ve ctors 11 this is an entire Encodings = (05, 0.598,01, 0.005)

( u, , dz, dg. .... ) v<sub>50</sub>)

SEARCH (Semantic) The cat is a hero. It can do amazine things. It was born in 1999 and had a good life. 2. If can do amazine thinge 3. It was born in 1999 and had a good life



Ve cforze \$ (0-1,0.20.3) Remlie 2. "He can do ti." "0.5"

3. "He was born..." "0.002

1. "The cat is ahere" "0.001"

Vector database query Linput vector > "

20.39891, 0.241325, ...,

SEARCH\_METHOD\_EVOLIDEAN/COSINE, (It of result requested) RSP \_\_\_\_\_ (" fext 1 blab/chunk", Local dianship score) 11 (1000 words)

12 (1300 words)

13 (200 words)

14 (1300 words)

15 (200 words)

16 (1300 words)

17 (1300 words) ords wealthy

