1 One Hot Encoding ? Tent Devlaset **S1** The food is broad my fred is bad 82 Pizza is Amoning 53 Vector bad The food Good 0 \mathcal{O} The = 0 O food 7 0 is =) I one hotenwoing S1 = [[1000000], [0100000], [0010000], [0001000] S2= [[1000000]; [0100000],

$$S2 = \begin{bmatrix} [1000000], \\ [0100000], \\ [0010000], \\ [0000100] \end{bmatrix}$$

Vocabulary

Joenonds

Joenonds

Joenonds

Joenonds

Joenonds

Joenonds

Joenonds

Pizza Amazing.

1

Simple Hearn

Kisi bhi categorical value (Tontya label) Ko o aux 1 Kc form of convert the god of Taki Machine learning Model Samih Ske!!

Mith har categorical Ke life excolumn banta hai aux Jis category ka dota hata hai aux Jis category ka dota hai us column of 1 aata hai baaki Mai o.

S3 = [[0000010],

[0010000],

0000001

Pizza Amazing

0

Note +

- · Advantages =
- @ Easy to Implement with python. [sklearn, one hot encoder]
- Intuition is Easy
- o Disadvantages?
- O sparse Matrin -> Overfitting ..
 - 1 AL Algorithm -> fined size IIP.

3 No Semantic Meaning is getting captured . ent ford Pieza burger

(1 0 0)

(0 1 0) ((100)

(4) Out of Vocabulary Coord

profile with a induly a subject