Word Embedding (P-3)

- · A LLM can only Process a fixed number of tokens

 at a time this is called Context size. LPT = 2048 max

 Ex: The smartist person is urrebaltohens: context size = 4
- · This means as you go on and on with a conservation with a LLM it slowly starts to lose the context and theral of the conversation if you continue too long as it has almy so much context from before (prev tox)

X - Un embedding

o at the end we have a probability distrobution of oil possible next tokens. We use the last victor for this

- 1) We fater a unembedding matrix. 2)

 That maps the very last vector

 in the context to a list of 50k

 Values one for each froken in vecal
- 2) Then we use a softmor function to mermalize it fo all probabilities all before propability distrobution)

- 7. What about the other vectors in the final layer why only the last one? They all have context and meaning so why not use them?
- This is because in the training process the famounts one 5.1.

 its more efficient if you use each vector

 in the final layer to simultanish you make [i] [i] [ii]

 a prediction for what would come 52

 imideably after it

Scanned with CamScanner