Mord 2 Vec -> Jomas Mikolov -> 2013 -> Google Community Fost text - Focebook support

Supports multiple longuages

We con use Mord 2 Vec in 2 mays:

1) Pretrained model -> Dountoad -> use -> 3 Billions mords -> google neurs datoset

2 Lustonised model ->

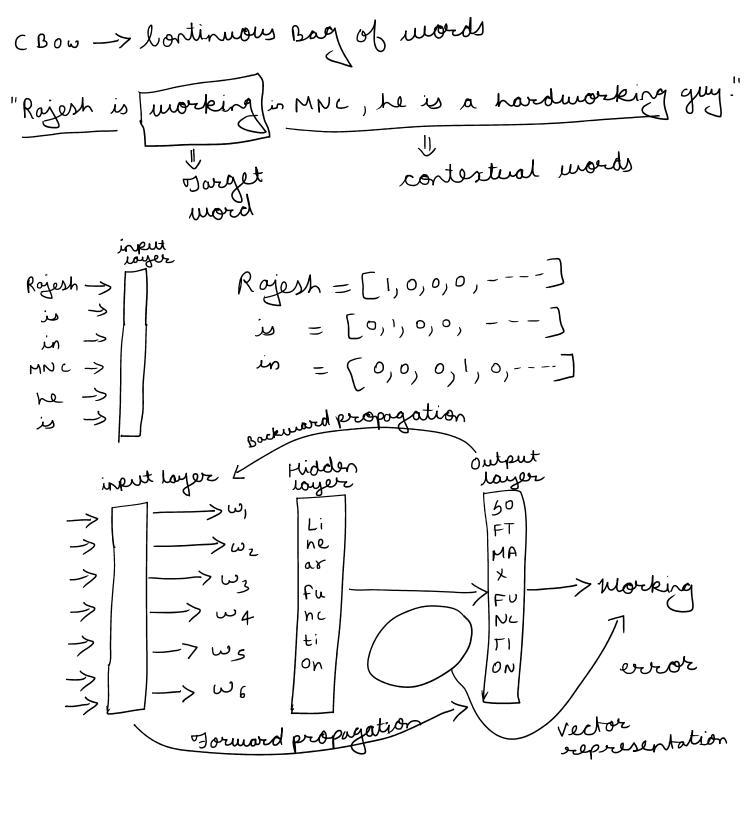
Architectures of Word 2 Vec:>

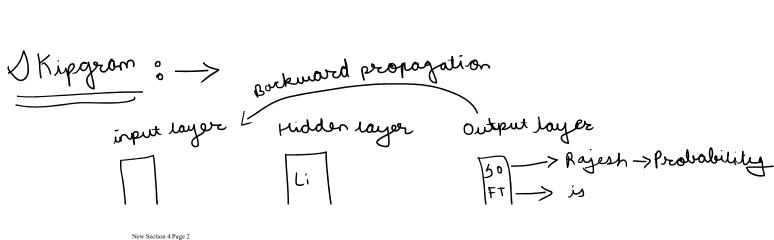
word 2 Vec

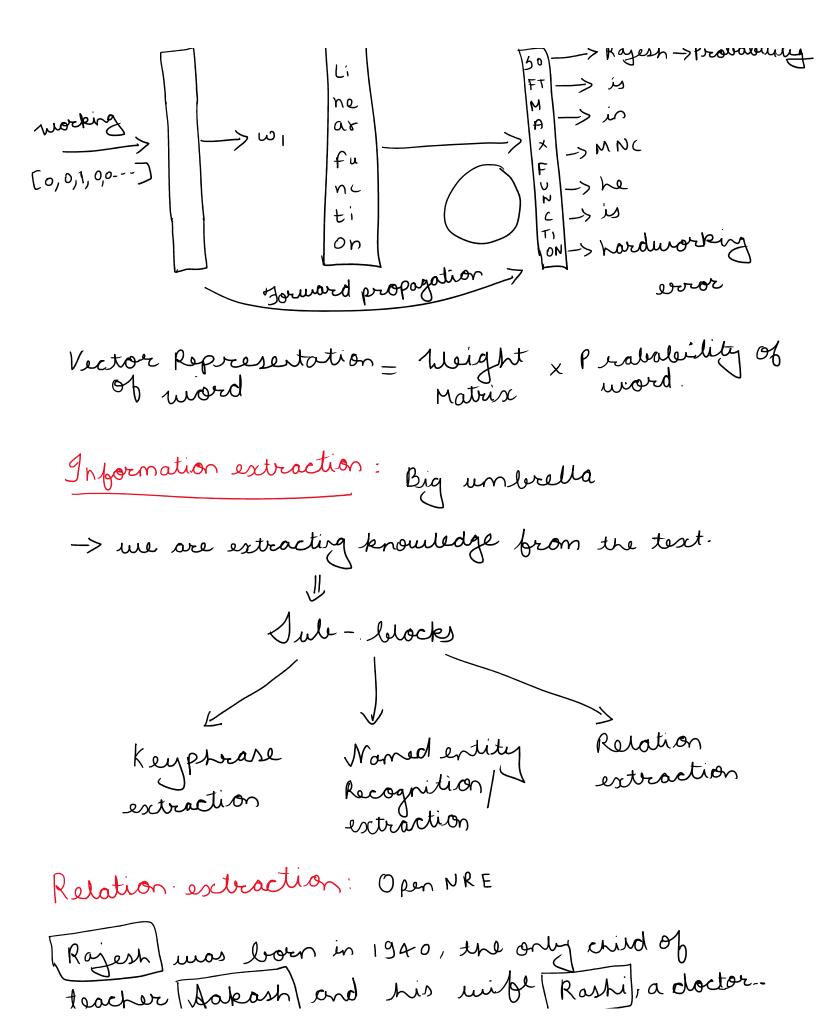
Skipgrom

Multiple > Single output

Single > Multiple outputs.







teacher Jakash and his wife Rashi, a doctor. Rojesh _______ Rashi ______ Spouse

Rojesh _______ Aakash Nomed entity recognition / extraction >> Spacy Resume Parsing Resure $\rightarrow | P \rightarrow Nome$ $\rightarrow Organisation$ $\rightarrow Skillsets$ $\rightarrow Location$ ModelModelKeyperase estraction: -> ratracting important phrases from the data. hoys to do key phrase extraction L>1) Ngrams L>2) Unsupervised algorithms - RAKE, YAKE

Flow chart of unsupervised agorithm for Keyphrase extraction: Keyphase euron.

Row text ----> londidate generation

Final Post I landidate scoring Processing

- 1) landidate generation Extract all phrases
- 2 londidate scoring give scores to phrases graportant phrases

3) Post processing => "gone" -> "gones"

5UN -> RAN

5 -> delete

R-> insert -> RAN

U -> delete

A -> insert

Lovertein distance → gome → gomes → 1 L.D. →1

5UN -> RAN -> 4

use ob Lavestein distance:

Single Review -> 1000 - 5000 mords Keyphroses -> 2500

10 Documents -> 1,00,000 - 5,00,000 mords Keyphrases -> 2,50,000

9 mortant Keyphrases -> Keyphrases count l Nice Movie] -> 2 Nicely Movie

Final Ranking: -> 5,00,000 Phrases 1,50,000 Phrases V

Applications of Key phrase estraction: >>

- 1) Text summarization (Estractive)
- 2 Data analysis
- 3 Root course analysis

4 Chatbot

Hi, Howare you? -> Hella, How are you?