

Word Embeddings

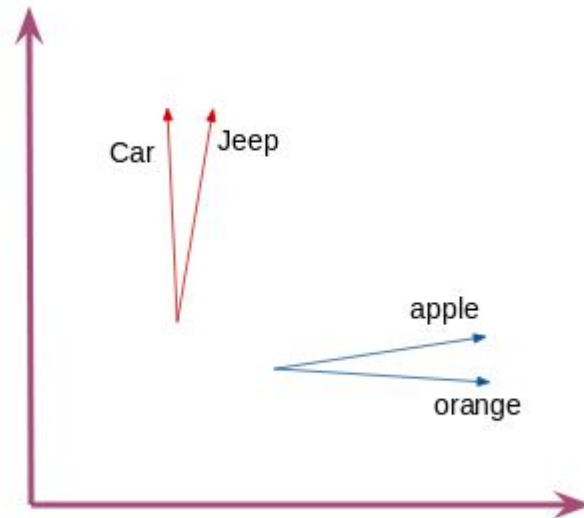
Word Embeddings



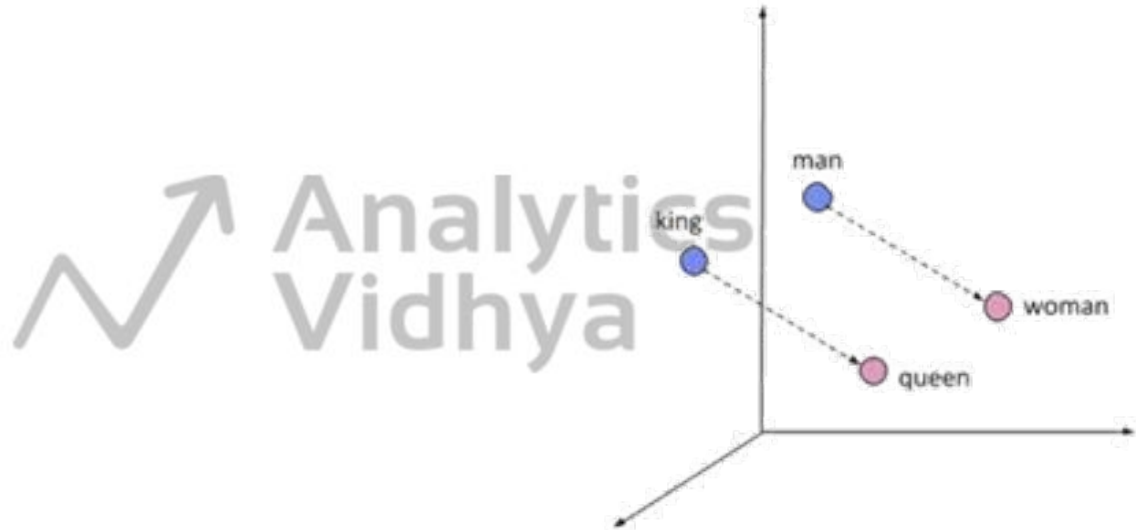
```
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        0.01379246,  0.00122126],
       [-0.03087116, -0.02232517,  0.01138248, ..., -0.02389362,
        0.02484551, -0.0087585 ],
       [-0.03504547, -0.04104917,  0.00930308, ..., -0.03002032,
        0.01539359, -0.00338876],
       ...,
       [-0.03802555, -0.017358 ,  0.02445563, ..., -0.0131221 ,
        0.02305542, -0.00747857],
       [-0.02819404, -0.04432267,  0.01159158, ..., -0.02953893,
        0.01612862, -0.0099255 ],
       [-0.0326709 , -0.0484228 ,  0.01606839, ..., -0.03584684,
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```

Word Embeddings

- Vector of Car \sim Vector of Jeep
- Vector of apple \sim Vector of orange

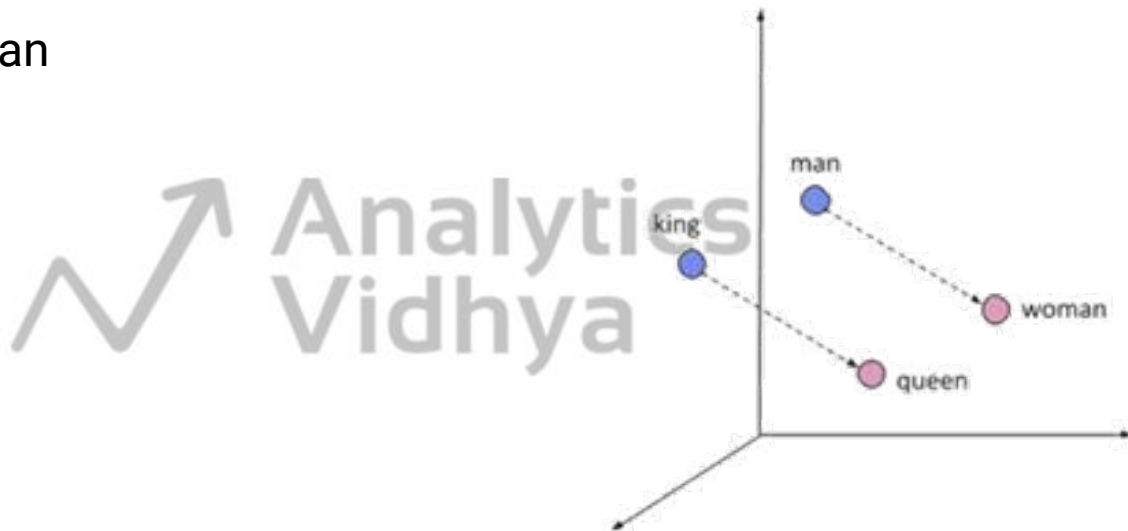


Word Embeddings



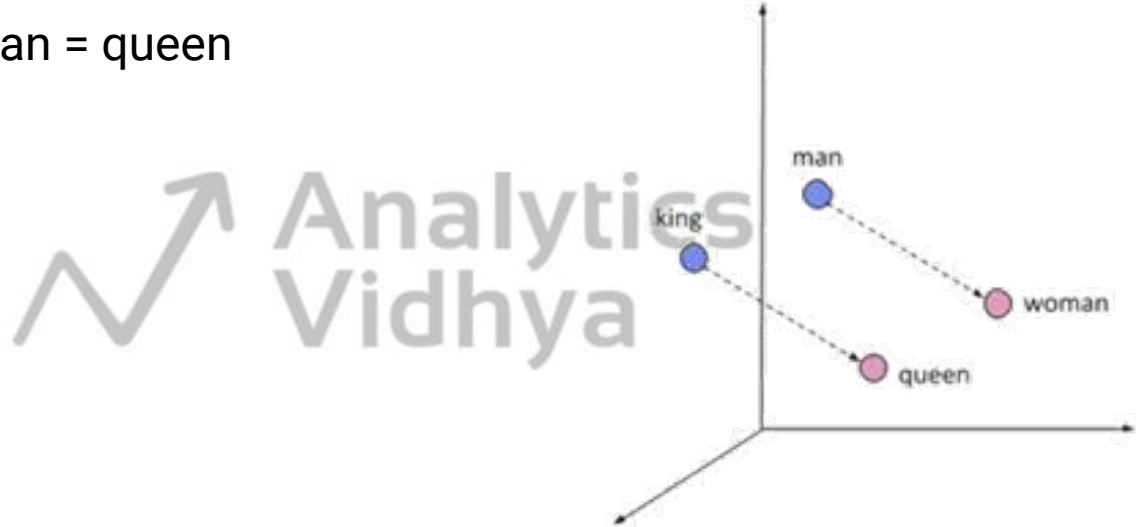
Word Embeddings

- king - man + woman



Word Embeddings

- king - man + woman = queen



How to obtain Word Embeddings?

- Word vectors can be obtained using the following techniques:



Word Embeddings

- Word vectors can be obtained using the following techniques:
 - Training of word embedding representations from scratch



Word Embeddings

- Word vectors can be obtained using the following techniques:
 - Training of word embedding representations from scratch
 - Pre-trained word embeddings:
 - word2vec
 - GloVe

 Thank You 