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## Word Embeddings

- Word Embeddings: An NLP technique of representing words as vectors
- Several methods exist to do this kind of translation. Popular methods include
- → O One Hot encoding ←

  → Dimension reduction techniques, like SVD ←
  - word2Vec (Neural networks)
    - GloVe

words -> Vectors

7 million artida
3 billion words

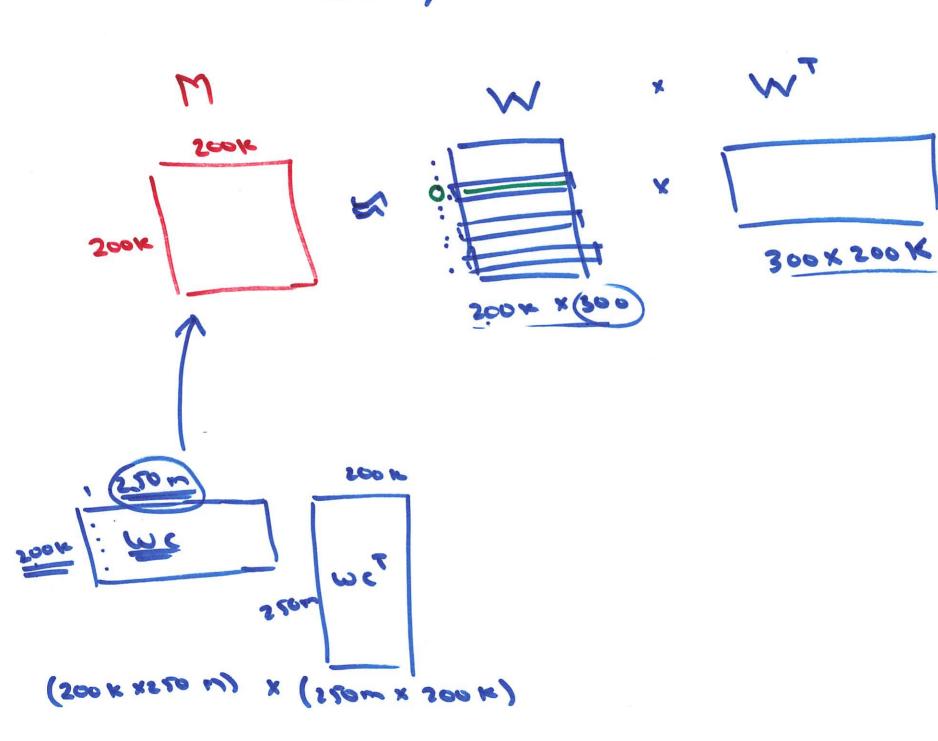
(3 250 million sent.

- I went to the cinema on Sunday
- I went to the beach on Monday

- My favorite pet is a cat
- I like walking my pet dog
- I bought a red Honda
- I bought a red car
- I bought a blue Toyota

Co Ocurance Matrix Dim Reduction 7 million 2 pillien mary (250 million sent) for the went to the 200000 × 200000

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