

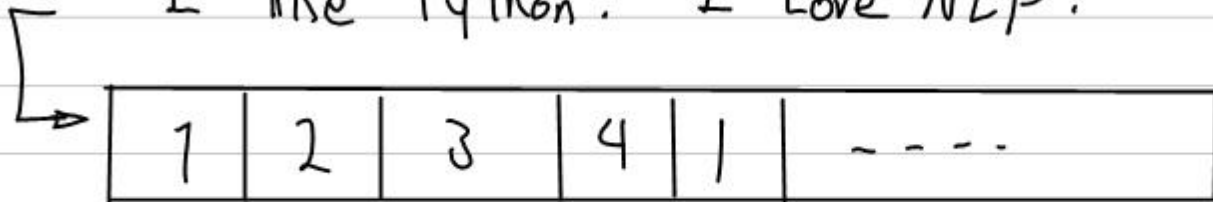
# Vector Representation

تبدیل متن به عدد

NLP : Natural Language Processing

- Applications :
- Spam detection
  - Summarization
  - Machine Translation
  - Search Engine
  - Review Analysis
  - Author detection

"I like Python. I Love NLP."



digital

word  $\longrightarrow$  vector :

1. One-hot encoding
2. word-embedding
3. Bag of words (Bow)
4. TF / IDF
5. word2vec