

# Natural Language Processing

# What is “Natural Language”?

- People’s everyday speech or writing
- Not processed in any way
- Large chunks of unprocessed string data

# What do you do with string data??

- Hard to categorize
- Can't be used in most statistics
- Time consuming

# Enter NL Processing!

- Let the computer do the work for you!
- Breaks text into chunks and easy-to-read formats so you can focus on meaning

# NLP Lingo

- Token – part of language (word/sentence)
- Stopword – parts of speech that don't convey meaning
  - Pronouns : his/hers
  - Simple verbs: was/is/were
  - Prepositions: up/down/in/out/after
  - Conjunctions: and/or/but/while