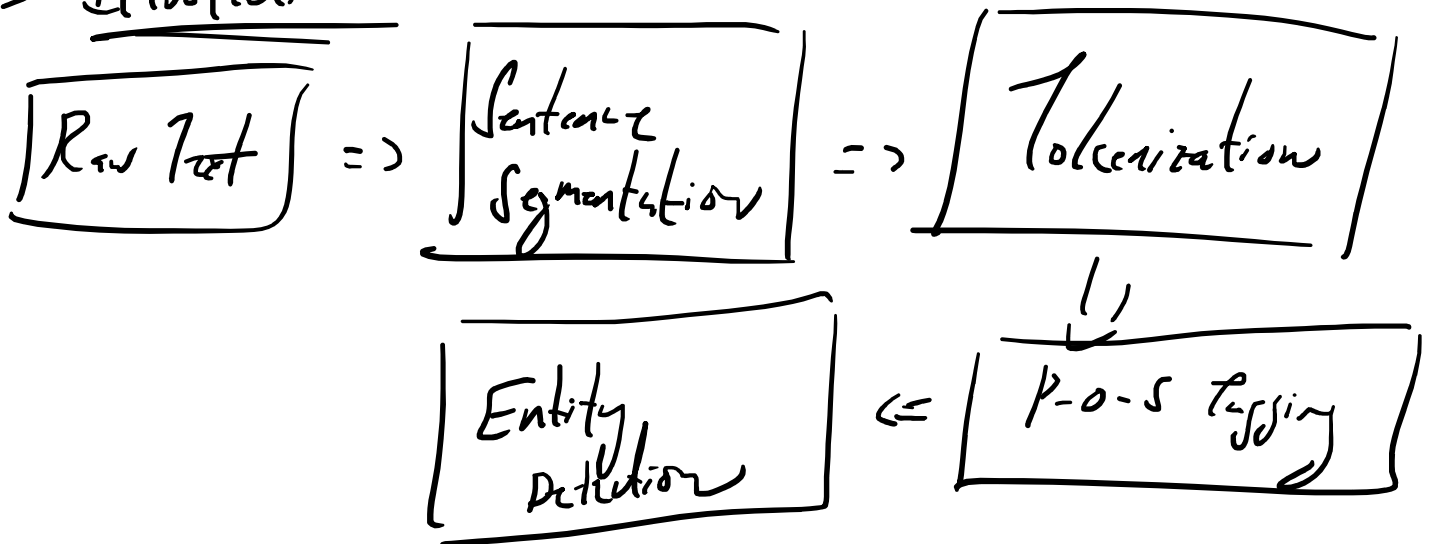⇒ <u>Named Entity Recognition:</u>

Associations : Parts of Speech.

→ Ousted <u>Wework</u> [org] founder <u>Adam Nueman</u> [per]

lists his <u>Manhattan</u> penthouse for <u>$37.5 mil.</u>
            [loc]   [monetary value]

⇒ <u>Illustration:</u>

| Raw Text | ⇒ | Sentence Segmentation | ⇒ | Tokenization |

| Entity Detection | ⇐ | P-O-S Tagging |

→ <u>Entity Detection:</u>
   ↳ Rule Based ~ (NLP Centric)

↳ ML Based ~ (Predictive Analytics)

↳ DL Based ~ (Non-Parametric)

Preprocessing Module

Input Text → | → Segmentation → Tokenization → Morphosyntatic Analysis |

NER Module

O/P Text ← Post Processing Module ←

ML Methods

Rule Based

Lexicon Based Methods