Information Extraction: Identify phrases in language that refer to specific type of entities and relations in text

Named Entity Recognition: Extract pieces of information (subset of identifying names of people, places, organizations, etc.) relevant to a specific application

Knowledge based NER (regular expressions)  
Learning NER (supervised and unsupervised methods)

<https://www.coursera.org/lecture/text-mining-analytics/3-2-explanations-of-named-entity-recognition-uQ7KH>

<https://www.youtube.com/watch?v=LFXsG7fueyk>

<https://www.youtube.com/watch?v=zi16nl82AMA&index=11&list=PLQVvvaa0QuDf2JswnfiGkliBInZnIC4HL>

Paragraph -> program finds the entities -> tells user the entities

* Question -> answer

If question:

Answer

Elif entity\_inquiry:

Entity

Else:

Please include more information

Datasets:

Entities

Dataset to use to correlate words/meaning to get train entities