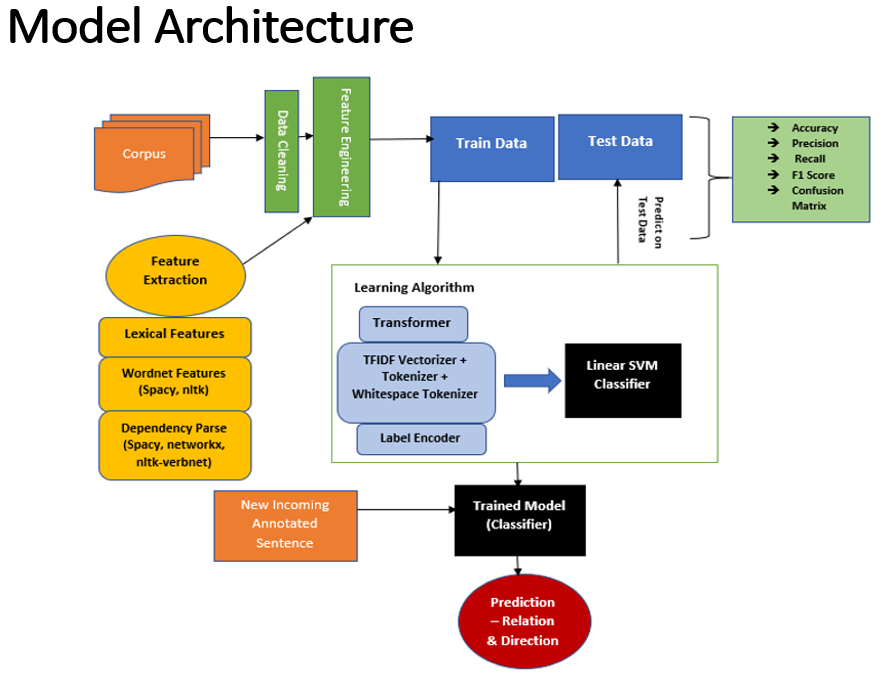
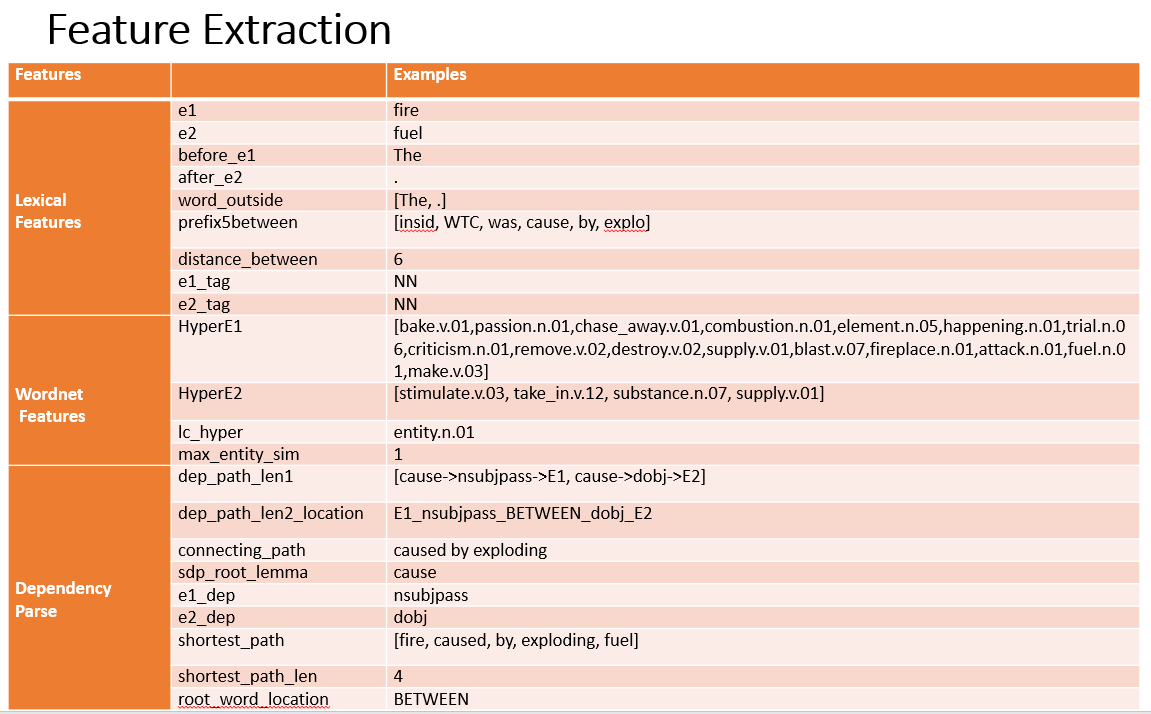
Entities Relation Extraction using LinearSVM



Features:



Python Packages used:

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NLTK

Spacy

networkx

sklearn

matplotlib

Dataset - RelationExtraction/dataset/

Report - RelationExtraction/Report

How to run the model

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1) First run Model.py under RelationExtraction Folder - This will create train\_df.csv and test\_df.csv under RelationExtraction which will have all the features extracted from train and test data respectively.

2) Run model\_run.ipynb to train the model and test on new input sentence

-> For new input sentence, update the entity anotated sentence in RelationExtraction/dataset/predict\_input.txt file.

-> After you train the model using model\_run.ipynb, run the last cells after "####Run below for predict new input sentenc ###", to predict on new sentence using trained classifier.