1. Libraries to be installed:
   1. import csv

import nltk

import re

from langdetect import detect

nltk.download('punkt')

nltk.download('averaged\_perceptron\_tagger')

nltk.download('wordnet')

from textblob.classifiers import NaiveBayesClassifier

from textblob import TextBlob

from nltk.corpus import wordnet as wn

from nltk import word\_tokenize, pos\_tag

from collections import defaultdict

from nltk.stem import WordNetLemmatizer

* 1. If using Command Prompt:
     1. python –m pip install langdetect
  2. If using Google Collab:
     1. !pip install langdetect

1. Please place all the .csv files along with the code in the same folder
2. Run the code.py file
   1. First Input the Dataset Name, that is one of the csv files:
      1. sd1
      2. sd2
      3. sd1-1
      4. rd
   2. input the name without-’.csv’
   3. After that you will be asked to enter (Does the dataset have other language words:(Y/N))
      1. Please enter :‘N’
         1. For the datasets sd1,sd2,sd1-1
         2. Because they are purely English word based
      2. rd.csv has some Spanish words too.
         1. So please enter :’Y’ in the field if you use rd.csv
3. DatasetNLP.csv is the main dataset used for Naive Bayes classifier for phase 1
4. Action\_data.csv is the dataset of action verbs
5. Action\_pairing.csv is the dataset having context sensitive pairs of verbs
6. Other csv’s are for testing in the code,you may use any.