**NAME ENTITY RECOGNITION (NER)** :

In this block, we have two code files and reciprocal result files for Name Entity Recognition. We have one additional annotated corpus of Hindi.

They are as follows,

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| **Serial Number** | **Type of Code** | **Name of the Code file** | **Name of Result File** | **Remarks.** |
| 01 | HMM | NERHINDI1.py | Result\_HindiNER\_HMM1.py | Uses [HMM](https://en.wikipedia.org/wiki/Hidden_Markov_model) on Hindi Corpus. The corpus is trained to give result and model is trained here. |
| 02 | NBC | NERHINDINBC1.py | NER\_HINDINBCRESULTS1.py | Uses [NBC](https://en.wikipedia.org/wiki/Naive_Bayes_classifier) on  Hindi Corpus. The corpus is trained to give result and model is trained here. |
| 03 | Corpus | POS\_9 |  | It is a Hindi Hand tagged NER data on tagsets PERS, LOC, DATE and ORG. The total size is till now around 0.1 million words. The corpus is expected to touch the size of 1 million in next two years. |

All the codes and libraries are using [Python](https://en.wikipedia.org/wiki/Python_(programming_language)) and its library [NLTK](https://en.wikipedia.org/wiki/Natural_Language_Toolkit) and its dependents.