NLP-> National Language Brocessing text -> n/p -> Bow (Bag of words) babel

(Novice Bayes)

[model feeting miles from frequent from the form from the feeting from the form from the feeting from the form from the feeting from the feetin Two packages: 1 nltk (Natural Carguage Processing Toolkit) (2) Shloren (n/p+ mi model) 3 spacy (peep learning)

Donating with Text

No ponduations

Remark stopwoods

totherwing Someth sontones to

woods

TF-IDF

Competitive for any me classification algo

Logistic Regionion, K-NN, Noise Bayo, DTC, RFC, SNC

ham spam Indox

ham -4825 0

ham - spam

ham - spam

ham - spam

Fram - 0.98

Span - 0.85

(Base of this algo is
Bayes Theorem which
pal (A|B)) lossifica Lyanon J classifier Benoulli Gaussian multinomial Waire Bayes NB NB if label is (pose text) Similar to for document confirms! Multinomial Jags'ifcation NB but can polem he used only for binary multi-dass classification dassification.