13-09-24 NLP- NLTK Ch 6: Learning to classify tent 6 Supermored # gender identific from name - unothical and umong # feature entrac": Indian parliament > finance doc & binouy classifier 4 non finance doc feature vector > y theward is present Ly Bag of words model But, many tasks can be done w/o this - only Boy of words enough Document classifica Empleiting content 4 Include position content bequence classifica Named entity tagger The famous building gateway - staut India LSTM -> long sent, influenced by things long behind it

10

No

3

3

Orreference resolution The famous poet from India, hunste x42 In that wunting, he, Kalidasa was born in year ABC 3 clusters: predicted # Evaluation of for binary (2) dassifice time regativo J false time positive TP = 0 5 Priecision -Recoll connect D TP+FN local that should Is how many be delected rclevant mene identified F score = 2 × proc × recall prec + recall

MNIST data 123456789 confusion mateun dagoral - heavy. Ch 8: Analyzing Sentence structure Granmar pauser Ly content free pares assump. no sultries in a grammas tree is connected to other sultries words are like cloud - topic modelling 5 topicy or topicuise segregation - complete statistic model

Mallet