Training let Acc Regularization ->

In-text tagging

- Previous: Text Classification

 Input: $\overrightarrow{A} = \left(\begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix} \right)$

"HB" "MONIE"

- Output: y = ρος ΓενΤ
- Next: Token Tagging (Classif.)
- DET VERB • Input X = (?) =ve Output: 3 = (PRO

Non

Moste

Thro

- Let's move to classifying within the text!
- Tasks you can do yourself, with the right heuristics or logistic regression features (or other NLP models)
- Do it with a pretrained, off-the-shelf system as part of a larger system, especially for syntactic/semantic linguistic analyses

Part of speech tagging

I saw the fire today



Fire











CS 490A In-o	class exercise,	10/12/2021	Name:	

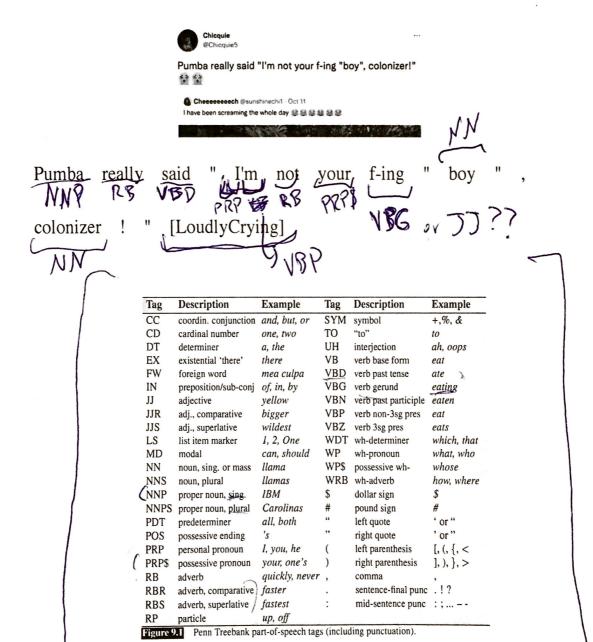
Tag these two sentences, using the PTB tagset below. You can write each tag below its word. Don't bother with punctuation, but tag all other tokens.

The New York Times

Based on Mr. Trump 's boasting and gaudy lifestyle

Mr. Wallach imagined he would soon be leading impressive

construction projects around the globe



untituely libely DT-VB Indep. LR cont use forts from other tops