65224n = Deep Learning for NLP Stanford Course 2017 Assignment 3
A) NER Window-based 1) 2) example 1: The united nations, have decided to --
Could be interpreted as an organisation or not an entity example 2: Chealsea is a good I city depending on surrounding word this could be a city or a person Le polysemic and hence we need the context to decide in) More features which may help:
- Capitalisation (ie: or person is likely to start with a capital letter) - it's frequency (ie: a person is assume to be more nave than other words - its context words

LER ; here; got er = 1x(2w+1). D (2w+1). D X H

b) i) LER ; here; got er = 1 LER ; WER

j UER + XC HERE WERE SUER SUERTICE SUERTICES

LIER SER SER SER ii) $e^{(4)} \rightarrow O((2\omega+1)D)$ $V^{(4)} \rightarrow O((2\omega+1)D.H + H) = O((2\omega+1)DH)$ gH -> 0 (HC+C) = 0 (HC) Cost Per Word = QCost (81) + cost (44) + cost (g(4)) = O ((2W+1)D + (2W+1)DH + HC) = O((2W+4)DH + HC) > Coot Sequence of T words = O((2W+4)DHT + HC)

