

Assignment 3

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5695



Stack	Buffer	New dependency	Transition
[ROOT]	[Today, I, parsed, a, sentence]		Initial Configuration
[ROOT, Today]	[I, parsed, a, sentence]		SHIFT
[ROOT, Today, I]	[parsed, a, sentence]		SHIFT
[ROOT, Today, I, parsed]	[a, sentence]		SHIFT
[ROOT, Today, parsed]	[a, sentence]	parsed→I	LEFT-ARC

[Root, parsed]	[a, sentence]	Parsed-> Today	LEFT-ARC
[Root, parsed, a]	[sentence]		SHIFT
[Root, Parsed, a, sentence]	[]		SHIFT
[Root, Parsed, sentence]	[]	Sentence-> a	LEFT-ARC
[Root, Parsed]	[]	Parsed-> sentence	RIGHT-ARC
[Root]	[]	Root-> parsed	RIGHT-ARC

2)

There was an old man chasing off wild dogs with black fur

- Error type: Modifier Attachment Error
- Incorrect dependency: chasing -> fur
- Correct dependency: dogs -> fur

3)

Researchers are surprised by the unexpectedly good performance of GPT3 on various tasks

- Error type:

- Incorrect dependency:
- Correct dependency:

4)

I saw a tumbleweed crossing the street while eating my breakfast

- Error type: Verb Phrase Attachment Error
- Incorrect dependency: crossing -> eating
- Correct dependency: saw -> eating