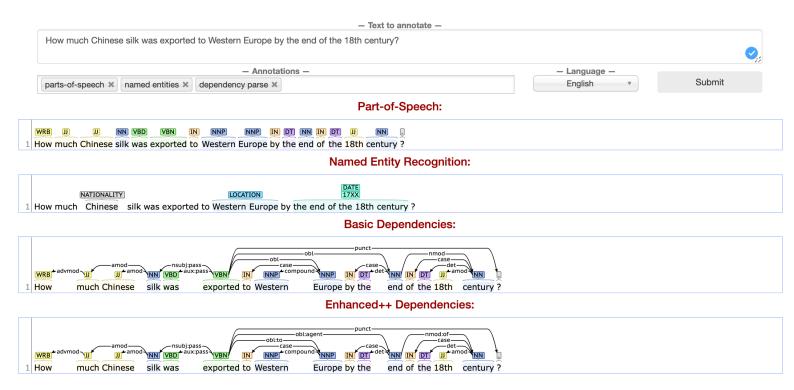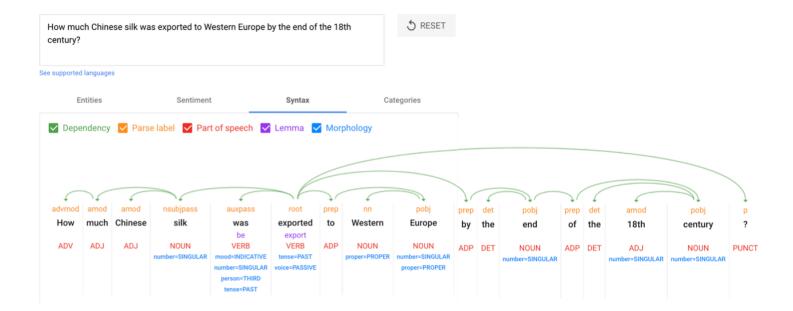# Q1:

I have use coreNLP and Google Natural Language parser.
Due to the fact that both parsers share the same tag—"ADP"—for the word "by," they are unable to discriminate between its two separate meanings. However, the parser places "by" in the appropriate place. First "by" more closely relates to the time period, and second by to the person who shipped the silk. However, the predicate objects century and merchants were correctly identified by each of the two parsers.

a. How much Chinese silk was exported to Western Europe by the end of the 18th century?

— Text to annotate —

How much Chinese silk was exported to Western Europe by the end of the 18th century?

— Annotations —
parts-of-speech ✕   named entities ✕   dependency parse ✕

— Language —
English

Submit

Part-of-Speech:

Named Entity Recognition:

Basic Dependencies:

Enhanced++ Dependencies:

CoreNLP Tools:

b. How much Chinese silk was exported to Western Europe by southern merchants?

— Text to annotate —

How much Chinese silk was exported to Western Europe by southern merchants?

— Annotations —

parts-of-speech ✕   named entities ✕   dependency parse ✕

— Language —
English ▾

Submit

Part-of-Speech:

| WRB | JJ | JJ | NN | VBD | VBN | IN | NNP | NNP | IN | JJ | NNS | . |

1 How much Chinese silk was exported to Western Europe by southern merchants ?

Named Entity Recognition:

1 How much **Chinese** NATIONALITY silk was exported to **Western Europe** LOCATION by southern merchants ?

Basic Dependencies:

1 How much Chinese silk was exported to Western Europe by southern merchants ?

Enhanced++ Dependencies:

1 How much Chinese silk was exported to Western Europe by southern merchants ?

How much Chinese silk was exported to Western Europe by southern merchants

⟳ RESET

See supported languages

Entities   Sentiment   **Syntax**   Categories

☑ Dependency   ☑ Parse label   ☑ Part of speech   ☑ Lemma   ☑ Morphology

advmod	amod	amod	nsubjpass	auxpass	root	prep	nn	pobj	prep	amod	pobj
How	**much**	**Chinese**	**silk**	**was**	**exported**	**to**	**Western**	**Europe**	**by**	**southern**	**merchants**
				be	export						merchant
ADV	ADJ	ADJ	NOUN	VERB	VERB	ADP	NOUN	NOUN	ADP	ADJ	NOUN
			number=SINGULAR	mood=INDICATIVE number=SINGULAR person=THIRD tense=PAST	tense=PAST voice=PASSIVE		proper=PROPER	number=SINGULAR proper=PROPER			number=PLURAL

Q2:

a. I am gonna make him an offer he can't refuse

I am gonna make him an

- offer he can't refuse."↵↵"What
- offer.
- offer that you can't refuse.

b. Show me the money

Show me the

- evidence, so I can prove to you that
- evidence!↵↵"We have to have
- money.

c. You are gonna need a bigger boat

You are gonna need a

- few more days to go through the whole thing
- big ol' bag.
- lot more than the two sets of arms and

d. If you build it, he will come

If you build it,

- they will come.
- we can't have it, and we're
- he will come.

e. Say "hello" to my little friend!

Say "hello" to my

> brother." It's an expression I've always had

> mom.

> mom, and she says, "Mum,
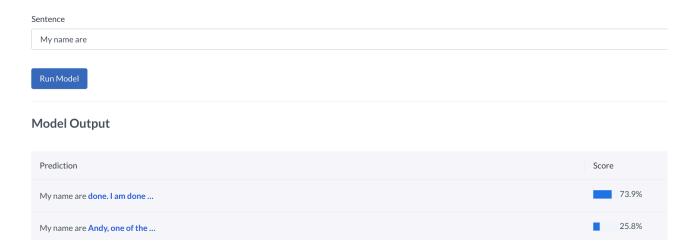
Q3:

Ungrammatical Sentence:
For me ungrammatical sentence means "an irregular word group or sentence structure that defies the language's grammatical standards and makes little sense at brief look is considered as ungrammatical ". Like I made an ungrammatical word group "My name are" which does not make much sense to me and it generates strange output in the model

Sentence

My name are

Run Model

Model Output

Prediction	Score
My name are **done. I am done ...**	73.9%
My name are **Andy, one of the ...**	25.8%

The below screenshot is the correct grammatical sentence and model showing me sensible response with higher accuracy.

Sentence

My name is

Run Model

Model Output

Prediction	Score
My name is **Michael, and I'm ...**	97.3%
My name is **Carrie. I'm a ...**	2.5%