**Week 3 Quiz**

1.

When using the toxicity library, a statement will be labelled with 2 probabilities. What are they?

The first is the probability value for whether or not the phrase is not an insult, and the second is the probability for whether or not it is

The first is the probability value for whether or not the phrase is not an insult, and the second is the threshold

The first is the probability value for whether or not the phrase is an insult, and the second is the threshold

The first is the probability value for whether or not the phrase is an insult, and the second is the probability for whether or not it is not

2.

If toxicity returns a probabilities list with values of [0.8, 0.2], what does that mean?

The phrase contains an insult

There's an error

The phrase does not contain an insult

We don’t know. The answer depends on something else

3.

How do you determine what type of toxicity is contained in a result from toxicity?

It returns an array of answers, each one corresponding to a different type of toxicity

There’s no way to determine type of toxicity, either a sentence is toxic or it isn’t

When you call the API you send it a list of specific toxicity types you want it to look for (i.e. ([‘threat’, ‘obscene’])

When you call the API you specify what type of toxicity you are looking for with a parameter (i.e. ‘threat’)

4.

When using mobilenet in js to classify an image, it can recognize up to 1000 types. How many predictions does it return by default?

All non-zero predictions

All that are above a threshold, set by the threshold parameter

1000

3

5.

When converting Python-trained models to JSON to use in tensorflow.js, what is the package that you need to ‘pip install’ (assuming you already have installed tensorflow)

None, it’s built into TensorFlow

tensorflow-js

Tensorflowjs

tensorflow-javascript

6.

How do you convert a Python-trained model to JSON?

Save it as a TensorFlow Saved Model, then use the tensorflowjs\_convertor script in Python

Save it as a TensorFlow Saved Model, then import that as a JSON object

Save it as a TensorFlow Saved Model, then use the tensorflowjs\_convertor script in JavaScript

Simply save it as JSON

7.

If you have a model that you’ve converted to JSON how do you load it into JavaScript?





1

const model = tf.loadLayersModel(MODEL\_URL)





1

const model = await tf.loadLayersModel(MODEL\_URL)





1

const model = await tf.loadSavedModel(MODEL\_URL)





1

const model = tf.loadSavedModel(MODEL\_URL)

8.

When you convert a Python-based model to JSON, how many files will you get?

At least two: the model file, and a sharded collection of binary weight files that can have one or more files

One, the model file itself

Two, the model file and a snapshot of binary weights

Two, the model file and a metadata file