

# Learn to program neural networks with Tensor

Let's do a quick test! You must answer at least 3 questions correctly to pass this quiz.

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## 1. Fill-in-the-blanks

*Enter one or more words to complete the sentence.*

When using `model.predict`, you may get an answer close to, but not exactly what you expect. You can attribute that to neural networks generally dealing in .

✓ Correct!

## 2. Match the following parameters and layers with their respective descriptions.

*Each answer only matches one item.*

Sequential

Defines the order of layers within a neural n... ▼

✓ Correct!

Flatten

Defines the order of layers within a neural n... ▼

 Incorrect.

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Dense

Activation function

Tells a layer of neurons what to do ▾

 Correct!

---

ReLU

If  $X > 0$  returns  $X$ , else returns 0 ▾

 Correct!

---

Softmax

Takes a set of values and helps you pick the ... ▾

 Correct!

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### 3. Fill-in-the-blanks

*Enter one or more words to complete the sentence.*

"Pooling"

reduces the overall amount of information in an image while maintaining the detected features as present.

✓ Correct!

4. Overfitting occurs as a result of a neural network trained with \_\_\_\_.

- ☐ an abundance of epochs
- ☐ limited epochs
- ☐ an abundance of data
- ☒ limited data      ✓ Correct!

## Results

You scored **3 out of 4**. Congratulations! You have passed this quiz.

You earned the TensorFlow  
badge badge!

The badge has been added to your profile.



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