

Practice quiz: Neural Network Training

Graded Quiz • 30 min

Due Feb 5, 11:59 PM EET

Item Navigation

✓ Congratulations! You passed!

Grade received 100%

Practice quiz: Neural Network Training

Quiz • 30 min To pass 80% or higher

Go to next item

✓ Submit your assignment

Due Feb 5, 11:59 PM EET

Try again

1.

1 / 1 point

Remember to later

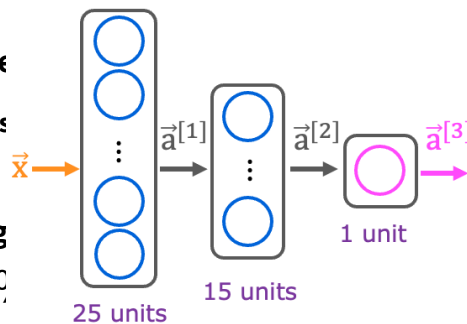
Train a Neural Network in TensorFlow

✓ Re

To Pass

Your g

100%



```
import tensorflow as tf
from tensorflow.keras import Sequential
from tensorflow.keras.layers import Dense

model = Sequential([
    Dense(units=25, activation='sigmoid')
    Dense(units=15, activation='sigmoid')
    Dense(units=1, activation='sigmoid')
])

from tensorflow.keras.losses import
BinaryCrossentropy
```

```
model.fit(X,Y,epochs=100)
```

View Feedback

Here is some code that you saw in the lecture:

We keep your highest score

...

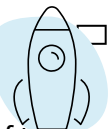
```
model.compile(loss=BinaryCrossentropy())
```



Like



Dislike



Report an issue

For which type of task would you use the binary cross entropy loss function?

☒ You're ahead of the game!
regression tasks (tasks that predict a number)

Continue this momentum and you'll finish

☐ Binary cross entropy should not be used for any task.

☐ A classification task that has 2 or more classes (categories)

