

檢閱: Quiz - DNN & CNN

回應者



14:23

完成時間

10/10

點數

✓ 正確 1/1 點數

1 / 1 點
已自動評分

1. What is the function of the TensorFlow code?

`C = -tf.reduce_sum(Y*tf.log(out))`

- ☐ Logistic Regression
- ☐ Deep ANN
- ☒ Cross Entropy ✓
- ☐ Mean Squared-Error

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已自動評分

2. Suppose your input is a 200 by 200 color (RGB) image, and you have first fully connected hidden layer with 100 neurons. How many parameters does this hidden layer have (including the bias parameters)?

12000100

值必須是數字

✓ 正確 3/3 點數

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已自動評分

3. Suppose your input is a 400 by 300 color (RGB) image, and you have first convolutional layer with 3x3 filters and 100 channels. How many parameters does this convolutional layer have (including the bias parameters)?

2800

值必須是數字

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已自動評分

4. What are the last-layer activation functions of neural networks for Regression and Multi-class classification problems?

- ☐ Softmax, None
- ☐ Sigmoid, ReLU
- ☐ None, None,
- ☒ None, Softmax ✓

✓ 正確 2/2 點數

2 / 2 點
已自動評分

5. After 2x2 max pooling, to what ratio has the feature map size been changed compared to the original input size?

- ☐ 0.5
- ☐ 1
- ☒ 0.25 ✓
- ☐ 2