

Deep Neural Networks and TensorFlow

LATEST SUBMISSION GRADE

100%

1. Which statement is FALSE about TensorFlow?

1 / 1 point

- ☐ TensorFlow is an open source library.
- ☒ TensorFlow library is not proper for handling Machine Learning Problems.
- ☐ TensorFlow has a C/C++ backend as well as Python modules.
- ☐ TensorFlow is well suited for handling Deep Learning Problems.
- ☐ All of the above.

✓ **Correct**
Correct.

2. What is/are the main reason(s) of increasing popularity of Deep Learning?

1 / 1 point

- ☐ The dramatic increases in computer processing capabilities.
- ☐ The availability of massive amounts of data for training computer systems.
- ☐ The advances in machine learning algorithms and research.
- ☒ All of the above

✓ **Correct**
Correct.

3. What is a Data Flow Graph?

1 / 1 point

- ☐ A flowchart describing an algorithm.
- ☐ A cartesian (x, y) chart.
- ☐ A graphics user interface.
- ☒ A representation of data dependencies between operations.
- ☐ None of the above

✓ **Correct**
Correct.

4. Which statement is TRUE about TensorFlow?

1 / 1 point

- ☐ Runs on GPU only.
- ☐ Runs on CPU only.
- ☒ Runs on CPU and GPU.

✓ **Correct**
Correct.

5. Why is TensorFlow the proper library for Deep Learning?

1 / 1 point

- ☐ It has extensive built-in support for deep learning.
- ☐ It provides a collection of trainable mathematical functions that are useful for neural networks.
- ☐ It will benefit from TensorFlow's auto-differentiation and suite of first-rate optimizers.
- ☒ All of the above.

✓ **Correct**
Correct.