Hi! It's Luis again!

Intro to TensorFlow

Now that you are an expert in Neural Networks with Keras, you're more than ready to learn TensorFlow. In the following sections of this Nanodegree Program, you will be using Keras and TensorFlow alternately. Keras is great for building neural networks quickly, but it abstracts a lot of the details. TensorFlow is great for understanding how neural networks operate on a lower level. This lesson will teach you what you need to know of TensorFlow, and give you some exercises to practice.

This lesson will build up on the knowledge from the **Deep Neural Networks** lesson. If you need to refresh your memory on any of the topics, such as *Linear Functions, Softmax, Cross Entropy, Batching, Epochs*, etc., feel free to go back and watch them again.

- **Linear Functions**
- **Softmax**
- **Cross Entropy**
- **Batching and Epochs**

Enjoy!

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NEXT