Installation Instructions for Windows

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1. Install anaconda:

   Go to the webpage: https://www.anaconda.com/download/?lang=en-us. Scroll down, then you should be able to find the download link. Please download the anaconda with **Python 3.6 version**. During the installation, please check the box "register anaconda as my default python 3.6".

2. Install TensorFlow:

   To install TensorFlow. Go to start-> anaconda3 -> anaconda command prompt. To install the CPU-only version of TensorFlow, enter the following command in the anaconda terminal:

   conda create -n tensorflow pip python=3.6

Next, activate the conda environment by issuing the following command in the same anaconda terminal:

   activate tensorflow

If it works, you should be able to see:

(tensorflow) with some directory information

Next, in the same anaconda command terminal, input the following command **one by one**:

pip install tensorflow==1.4

pip install spyder

pip install jupyter

pip install pandas

pip install scipy

pip install numpy

pip install matplotlib

pip install scikit-learn

Afterwards, go to start -> anaconda3 -> Anaconda Navigator. Switch to the Environments tab, and select tensorflow. In the block at the most right, select 'not installed' from the dropdown list, input 'Spyder' in the search box. After you find the Spyder package, check the box in front of it, and then click apply.

To validate your TensorFlow installation, go to start -> Anaconda -> Spyder (tensorflow), and paste the following lines into the window:

```python
import tensorflow as tf

hello = tf.constant('Hello, TensorFlow!')

sess = tf.Session()

print(sess.run(hello))
```

If the system outputs the following, then you are ready to begin writing TensorFlow programs:

```
Hello, TensorFlow!
```