Chapter_2_Section_6_Saving_Variables

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1 Ch 02: Concept 06

1.1 Saving variables

Create an interactive session and initialize a variable:

```
In [1]: import tensorflow as tf
    sess = tf.InteractiveSession()

    raw_data = [1., 2., 8., -1., 0., 5.5, 6., 13]
    spikes = tf.Variable([False] * len(raw_data), name='spikes')
    spikes.initializer.run()
```

The saver op will enable saving and restoring:

```
In [2]: saver = tf.train.Saver()
```

Loop through the data and update the spike variable when there is a significant increase:

[False False True False False True False False]
[False False True False False True False False]
[False False True False False True False True]

[False False True False False False False]

Now, save your variable to disk!

```
spikes data saved in file: ./spikes.ckpt
```

Adieu:

In [5]: sess.close()