

# Chapter\_2\_Section\_7\_Loading\_Variables

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## 1 Ch 02: Concept 07

### 1.1 Loading variables

Concept 06 was about saving variables. This one's about loading what you saved. Start by creating an interactive session:

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

Create a boolean vector called spikes of the same dimensions as before:

```
In [2]: spikes = tf.Variable([False]*8, name='spikes')
        spikes.initializer.run()
```

Restored the variable data from disk, serve warm, and enjoy:

```
In [3]: saver = tf.train.Saver()
        # tensorflow automatically assigns the restored variable to the
        # initialized `spikes`, it uses the name probably
        try:
            saver.restore(sess, 'spikes.ckpt')
            print(spikes.eval())
        except:
            print('file not found')
```

```
INFO:tensorflow:Restoring parameters from spikes.ckpt
[False False  True False False  True False  True]
```

Show's over, goodnight:

```
In [4]: sess.close()
```