



```
# Class used to save and/or restore Tensor Variables
saver = tf.train.Saver()

with tf.Session() as sess:
    # Load the weights and bias
    saver.restore(sess, save_file)

    # Show the values of weights and bias
    print('Weight:')
    print(sess.run(weights))
    print('Bias:')
    print(sess.run(bias))
```

Weights:

```
[[-0.97990924 1.03016174 0.74119264]
```

```
[-0.82581609 -0.07361362 -0.86653847]]
```

Bias:

```
[ 1.62978125 -0.37812829 0.64723819]
```

You'll notice you still need to create the `weights` and `bias` Tensors in Python. The `tf.train.Saver.restore()` function loads the saved data into `weights` and `bias`.

Since `tf.train.Saver.restore()` sets all the TensorFlow Variables, you don't need to call `tf.global_variables_initializer()`.

Save a Trained Model

Let's see how to train a model and save its weights.

First start with a model:

```
# Remove previous Tensors and Operations
```