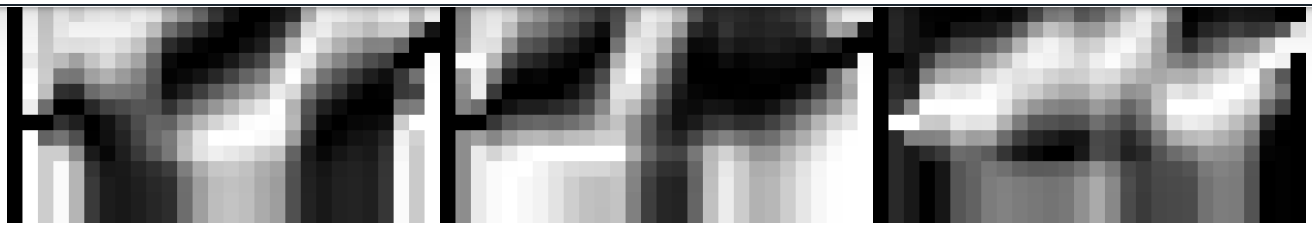

Left: Weights for labeling 0. Middle: Weights for labeling 1. Right: Weights for labeling 2.

The images above are trained weights for each label (`0`, `1`, and `2`). The weights display the unique properties of each digit they have found. Complete this quiz to train your own weights using the MNIST dataset.

Instructions

1. Open quiz.py.
    1. Implement `get_weights` to return a `tf.Variable` of weights
    2. Implement `get_biases` to return a `tf.Variable` of biases
    3. Implement `xW + b` in the `linear` function
2. Open sandbox.py
    1. Initialize all weights

Since `xW` in `xW + b` is matrix multiplication, you have to use the `tf.matmul()` function instead of `tf.multiply()`. Don't forget that order matters in matrix multiplication, so `tf.matmul(a,b)` is not the same as `tf.matmul(b,a)`.

⚠ This programming quiz is no longer available

This programming quiz is unavailable because the Nanodegree program has come to an end, however your code and all the files can still be downloaded.

DOWNLOAD