

```
1 /Users/dario/anaconda/envs/datasci/bin/python3.6 /Users/
dario/Documents/personalized-genetic-variants/NN.py
2 X_train: (350, 2656)
3 X_val: (350, 665)
4 Y_train: (9, 2656)
5 Y_val: (9, 665)
6 2017-09-15 09:43:17.482650: W tensorflow/core/platform/
cpu_feature_guard.cc:45] The TensorFlow library wasn't
compiled to use SSE4.2 instructions, but these are
available on your machine and could speed up CPU
computations.
7 2017-09-15 09:43:17.482687: W tensorflow/core/platform/
cpu_feature_guard.cc:45] The TensorFlow library wasn't
compiled to use AVX instructions, but these are available
on your machine and could speed up CPU computations.
8 2017-09-15 09:43:17.482695: W tensorflow/core/platform/
cpu_feature_guard.cc:45] The TensorFlow library wasn't
compiled to use AVX2 instructions, but these are available
on your machine and could speed up CPU computations.
9 2017-09-15 09:43:17.482703: W tensorflow/core/platform/
cpu_feature_guard.cc:45] The TensorFlow library wasn't
compiled to use FMA instructions, but these are available
on your machine and could speed up CPU computations.
10 Cost after epoch 0: 23.620059
11 Cost after epoch 100: 1.750449
12 Cost after epoch 200: 1.703921
13 Cost after epoch 300: 1.683884
14 Cost after epoch 400: 1.674305
15 Cost after epoch 500: 1.665278
16 Cost after epoch 600: 1.664396
17 Cost after epoch 700: 1.657209
18 Cost after epoch 800: 1.656181
19 Cost after epoch 900: 1.651181
20 Parameters have been trained!
21 Finished training in 303.8062000274658 s
22 Train Cost: 1.59176
23 Test Cost: 1.75091
24 Train Accuracy: 0.600904
25 Test Accuracy: 0.535338
26
27 Process finished with exit code 0
28
```