**Model Stats**

**DMF**

Aproximate error rate at iteration 0 is 69.0 %

Aproximate error rate at iteration 100 is 26.0 %

Aproximate error rate at iteration 200 is 21.0 %

Aproximate error rate at iteration 300 is 13.0 %

Aproximate error rate at iteration 400 is 14.000000000000002 %

Aproximate error rate at iteration 500 is 8.0 %

Aproximate error rate at iteration 600 is 7.000000000000001 %

Aproximate error rate at iteration 700 is 1.0 %

Aproximate error rate at iteration 800 is 4.0 %

Aproximate error rate at iteration 900 is 3.0 %

Total training time: 923.63 seconds

Aproximate Final training error is 3.5999999999999996 %

Test error is 11.049107142857142 %