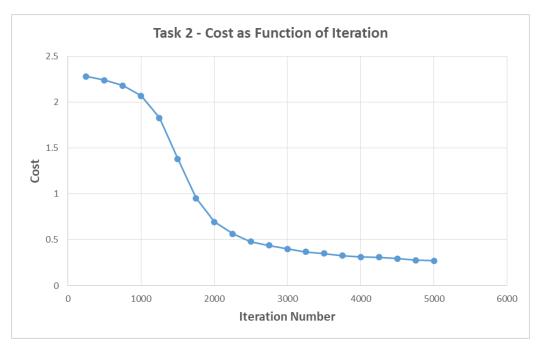
HW2 Report

★ Task 2:

Test Set Accuracy: 92.6%

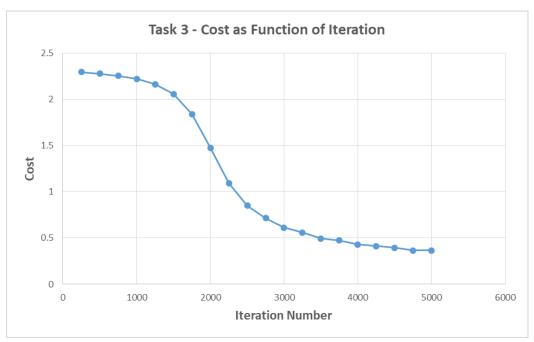
Iteration	Cost
250	2.278
500	2.239
750	2.179
1000	2.067
1250	1.827
1500	1.382
1750	0.952
2000	0.695
2250	0.566
2500	0.48
2750	0.44
3000	0.399
3250	0.369
3500	0.35
3750	0.328
4000	0.311
4250	0.31
4500	0.294
4750	0.276
5000	0.27



❖ Task 3:

Test Set Accuracy: 91.76%

Iteration	Cost
250	2.293
500	2.275
750	2.252
1000	2.219
1250	2.161
1500	2.055
1750	1.838
2000	1.475
2250	1.094
2500	0.848
2750	0.714
3000	0.613
3250	0.558
3500	0.495
3750	0.473
4000	0.43
4250	0.413
4500	0.394
4750	0.366
5000	0.366
3000	



Ofri Masad 201267226 Nir Friedman 305283178

❖ Task 4:

Early stop after: 36 iterations

Validation Set Accuracy: 8.49%

Test Set Accuracy: 8.33%

❖ Task 5a:

Early stop after: 79 iterations

Validation Set Accuracy: 15.39%

Test Set Accuracy: 15.8%

❖ Task 5b:

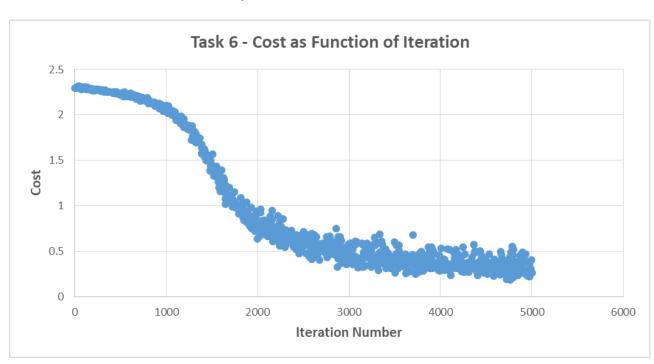
Early stop after: 53 iterations

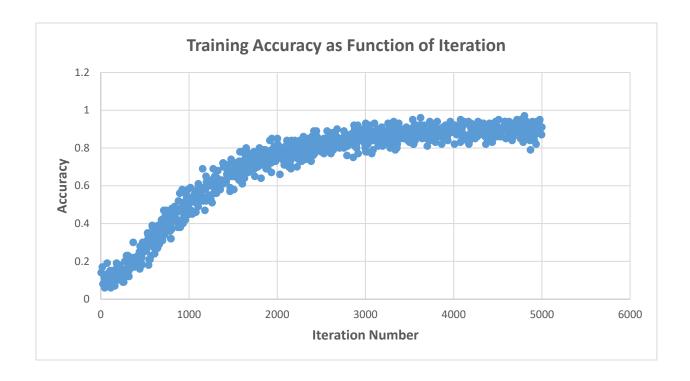
Validation Set Accuracy: 94.725%

Test Set Accuracy: 95.15%

❖ Task 6:

Test Set Accuracy: 92.1%





Model Graph:

