

Question 1

Question 1(a)

Question 1(b)

3 [114.30512878 -23.28707996 -96.93067091 8.90033976 -187.717837
31.24228605 14.25033792] 8.658268242282498 8.388731255516653

Question 1(c)

9 [4.19153584e+06 3.75946153e+04 -6.23166543e+06 -6.45948286e+04
2.47048667e+06 3.29936789e+04 -4.57000350e+05 -6.21109446e+03
2.67547715e+04 2.20973771e+02 -7.78801463e+06 -6.11451036e+04
4.26697404e+06 5.19610932e+04 -1.18585190e+06 -1.64583886e+04
1.33819262e+05 1.61411569e+03 -2.77362459e+03] 3.1039124275011405 8.287801179516665

Question 1(d)

12 [-1.38287388e+12 -7.71218284e+10 2.17445197e+12 1.46017478e+11
-1.03933139e+12 -9.37937695e+10 2.85536671e+11 2.85437794e+10
-3.99354329e+10 -3.79456241e+09 2.16774872e+09 1.48135682e+08

-1.91333559e+07 2.60498254e+12 1.29948583e+11 -1.60367311e+12
-1.29013402e+11 5.87049545e+11 5.68009271e+10 -1.17547195e+11
-1.17063732e+10 1.07746883e+10 9.17857002e+08 -2.89145796e+08
-1.20189599e+07] 2.2314758794869334e-06 8.269746529911435

Question 1(e)

Question 1(f)

I dont know

Question 2

Question 2(a)

Question 2(b)

This is accuracy 1 0.7766666666666666

This is accuracy 2 0.7766666666666666

The difference is 0.0

Question 2(c)

This is accuracy 1 0.822777777777778

This is accuracy 2 0.822777777777778

The difference is 0.0

Question 2(d)

This is accuracy 1 0.783888888888889

This is accuracy 2 0.783888888888889

The difference is 0.0

Question 3

Question 3(a)

Question 3(b)

The is the accuracy 0.696111111111111

Question 3(c)

The is the accuracy 0.7983333333333333

Question 3(d)

The is the accuracy 0.8322222222222222

Question 3(e)

The is the accuracy 0.5555555555555556

The is the accuracy 0.6277777777777778

The is the accuracy 0.7044444444444444

The is the accuracy 0.7205555555555555

The is the accuracy 0.7927777777777778

The is the accuracy 0.79

The is the accuracy 0.7927777777777778

The is the accuracy 0.8027777777777778

The is the accuracy 0.8122222222222222

Question 3(f)

The is the accuracy 0.8105555555555556

The is the accuracy 0.81

The is the accuracy 0.8144444444444444

The is the accuracy 0.8122222222222222

The is the accuracy 0.8116666666666666

The is the accuracy 0.8116666666666666

The is the accuracy 0.8116666666666666

The is the accuracy 0.8116666666666666

The is the accuracy 0.81

Question 3(g)

This is accuracy 1 0.8111111111111111

This is accuracy 2 0.8111111111111111

The difference is 0.0

Question 3(h)

This is cross entropy 1 0.43181943978589826

This is cross entropy 2 0.4318194397858982

This is the difference 5.551115123125783e-17

Question 5

Question 5(a)

Question 5(b)

Question 5(c)

This is accuracy 1 0.9913513513513513

This is accuracy 2 0.9913513513513513

The difference is 0.0

This is cross entropy 1 0.045975863494428205

This is cross entropy 2 0.045975863494428205

This is the difference 0.0

Question 5(d)

Question 5(f)

I dont know

Question 5(g)

I dont know