

COL774 Assignment-2

Question1

(a)

Question2

(a)

$$\min_{w,b} \frac{1}{2} w^T w + C \sum_{i \in A} \max(0, 1 - y^{(i)} (w^T x^{(i)} + b))$$

(b)

For C=1

Accuracy on training data = 94.235%

Accuracy on testing data = 92.65%

(c)

(d)

(e)