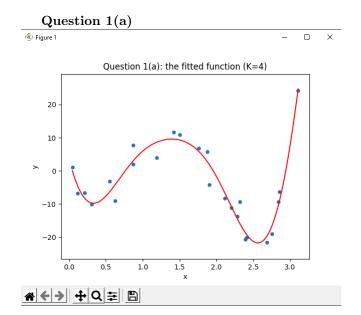
CSC311 A2 Printed Outputs

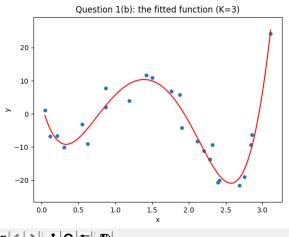
David Pham: 1002597825

Nov 15 2020



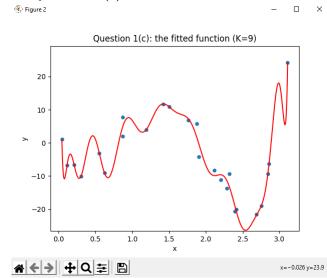
Question 1(b)



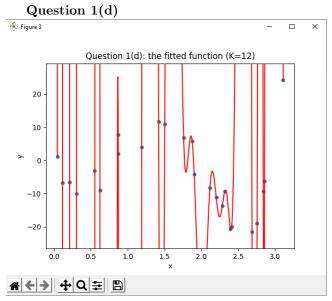


← → + Q = B

Question 1(c)

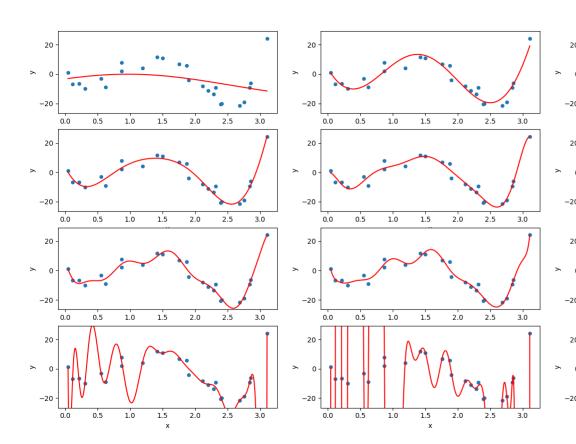


X

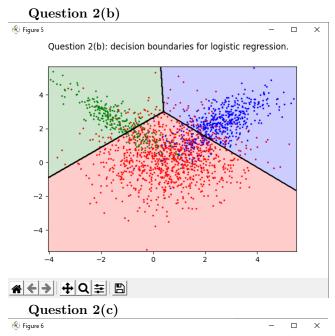


Question 1(e)

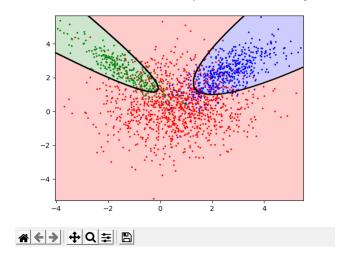
Question 1(e): fitted functions for many values of K.

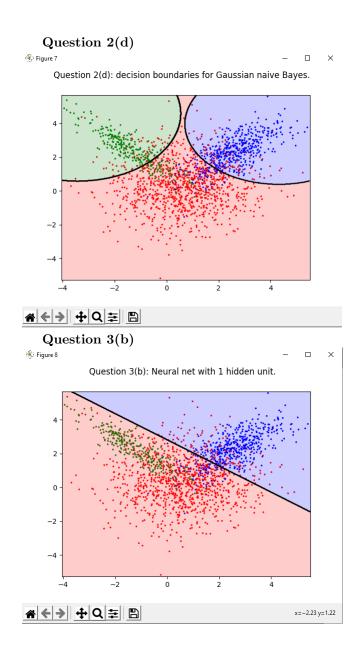


Q = B



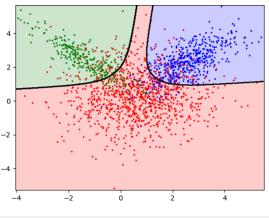
Question 2(c): decision boundaries for quadratic discriminant analysis.





${\bf Question} \ {\bf 3(c)}$

Question 3(c): Neural net with 2 hidden units.

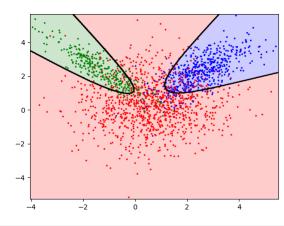


← → + Q = B

Question 3(d)

Figure 10

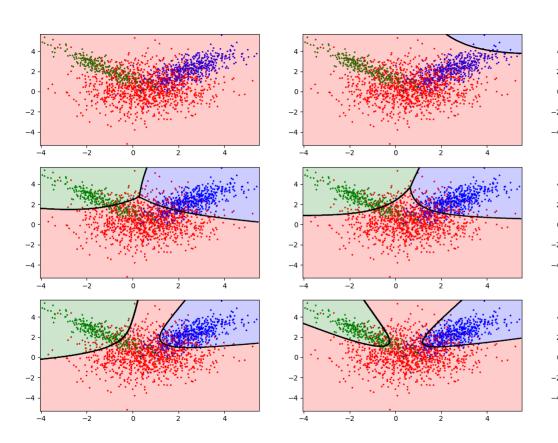
Question 3(d): Neural net with 9 hidden units.



< > 4 Q = B

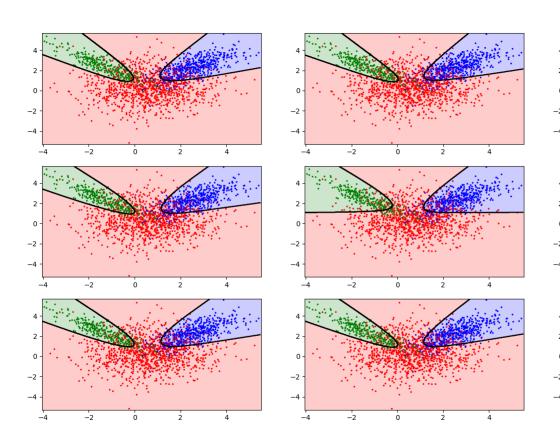
Question 3(e)

Question 3(e): different numbers of epochs.



< > + Q = B

Question 3(f): different initial weights



< > + Q = B

Question 4(a)

$$\times \stackrel{\vee}{\rightarrow} \times \stackrel{\vee}{\rightarrow} \wedge \stackrel{\vee}{\rightarrow} \stackrel{\vee}{\rightarrow} g \longrightarrow 0$$