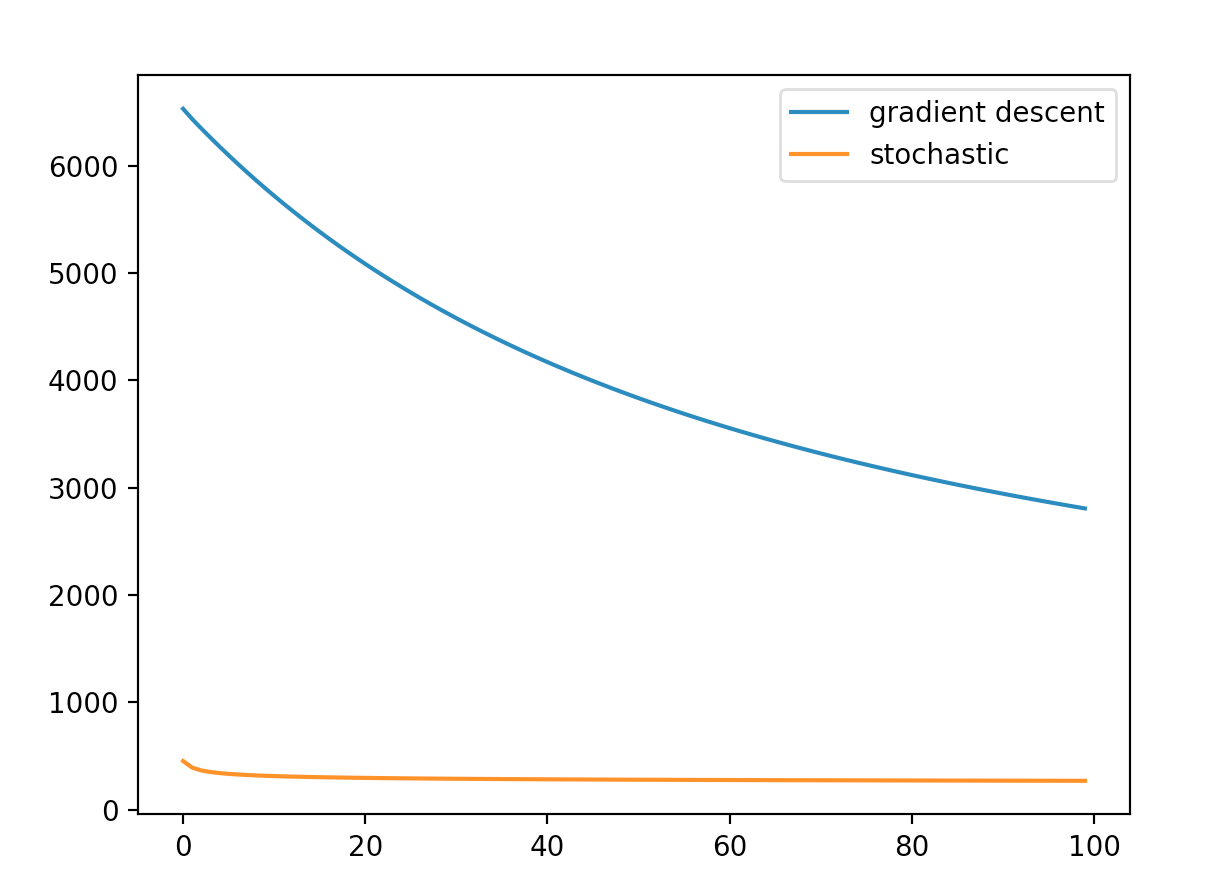
**Exercise 8.2:**

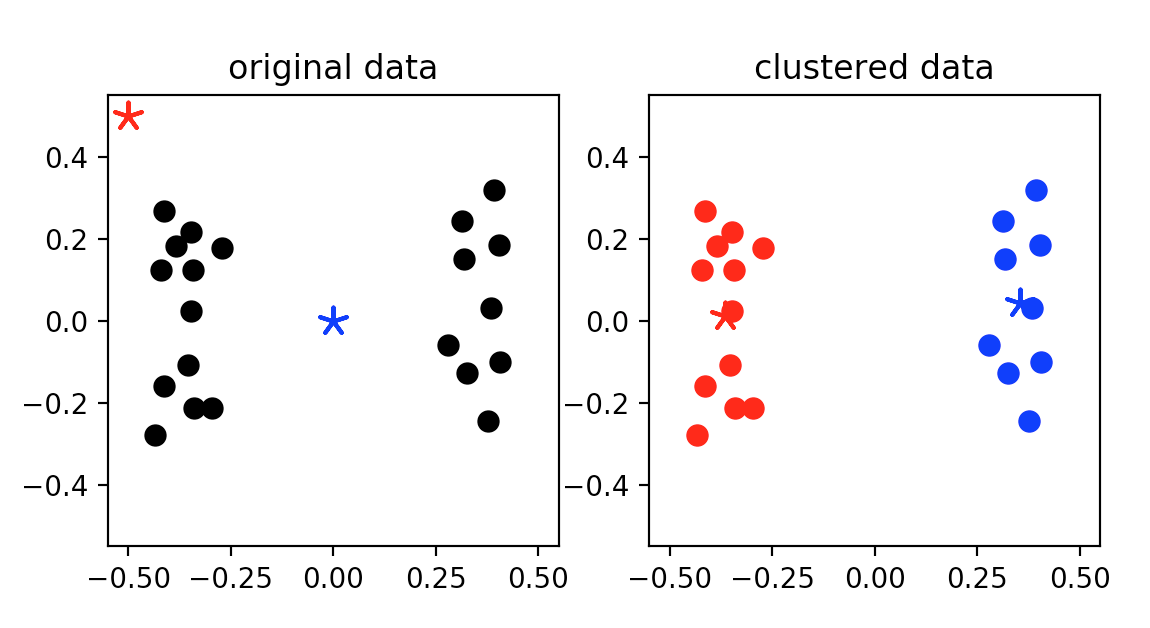


Employ the softmax cost function to fit this data.

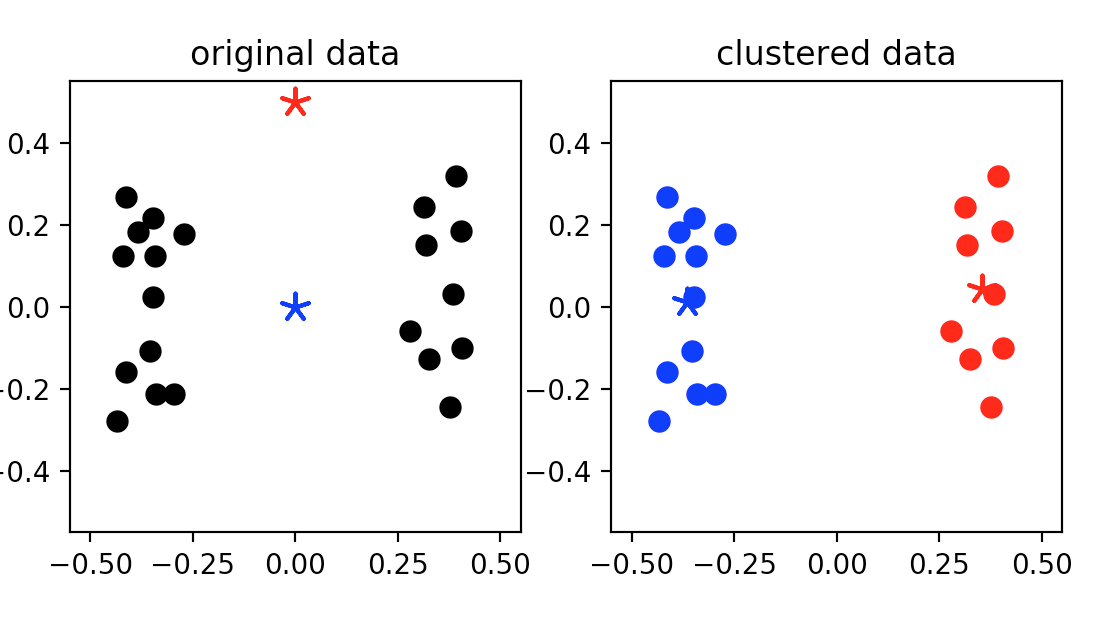
**Exercise 9.1:**

1. Please see the source code in the zip file

b)

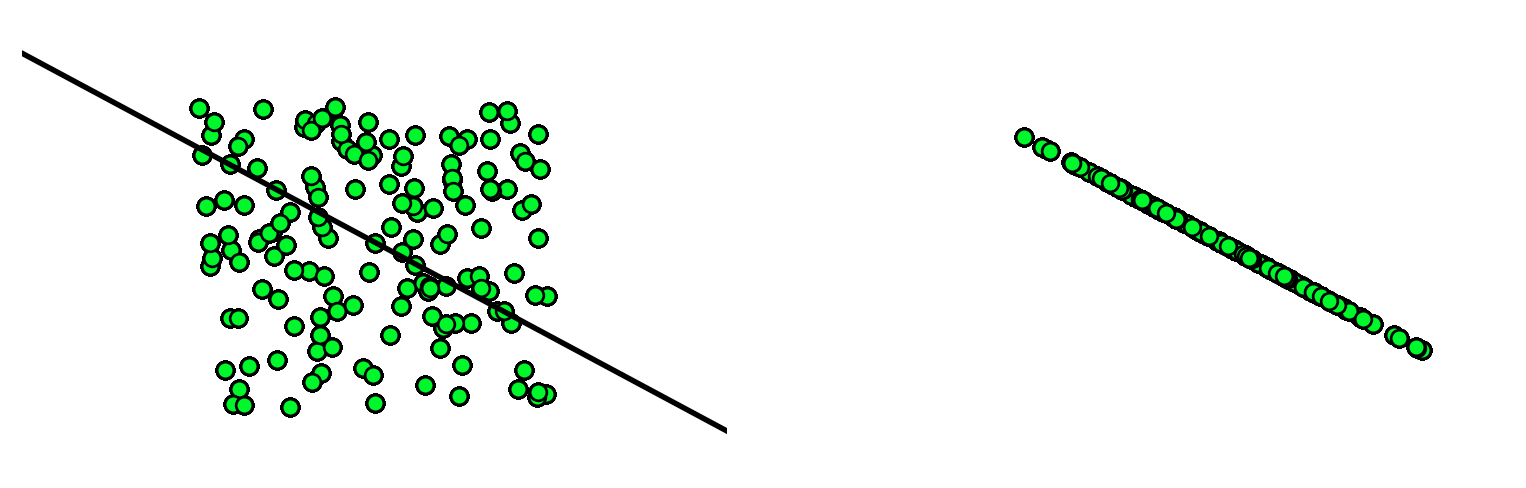


1. Compare with b), here change the location of the initial point, the result also change

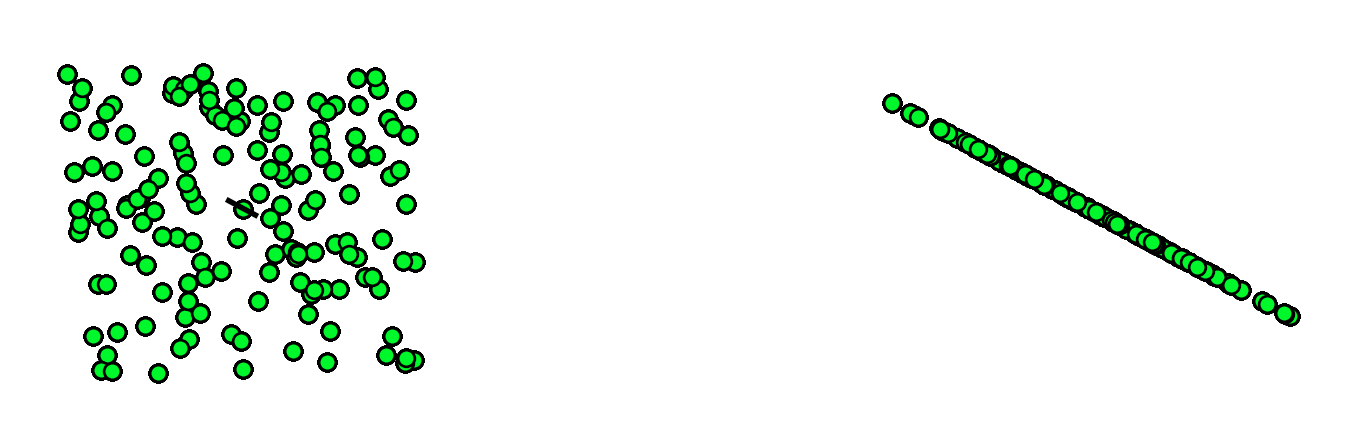


**Exercise 9.2:**

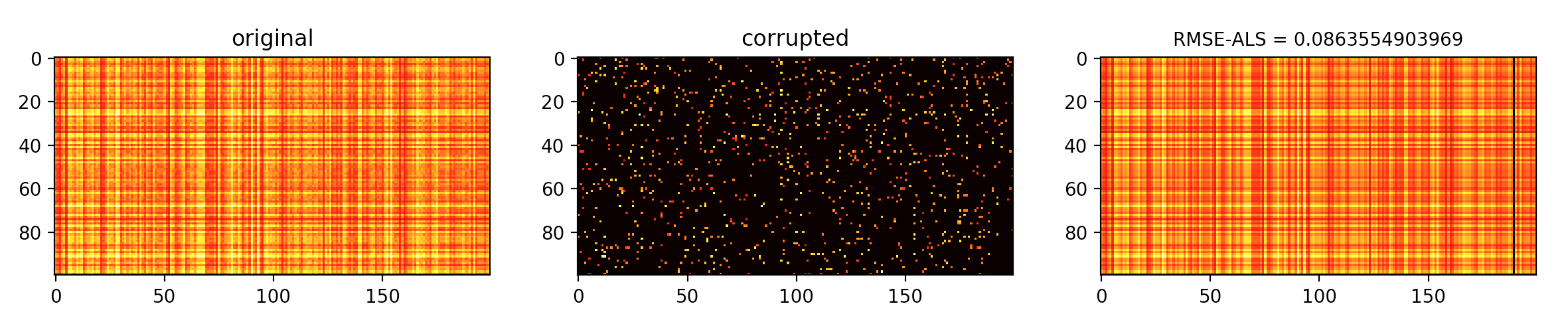
a)



b)



**Exercise 9.4:**

****

more detail, please see the source code inside zip file