Homework 1:

Using the OFFLINE data and two different clustering methods predict the location of the ONLINE data set.

Describe how you prepared the data.

Describe how you estimated your error and found the best fit ASSUMING you CANNOT USE THE ONLINE DATA.

Describe the best fit for the data.

There are 2 macIDs located at the same position. Does one give better performance than the other?

What about using them both?

What is the drawback (if any of using this method to real-time locate an object)?

Describe a method that may be an improvement based on your perceived drawbacks.

Datasets

<http://rdatasciencecases.org/Data/offline.final.trace.txt>

http://rdatasciencecases.org/Data/online.final.trace.txt