The remaining tasks of last week

1. What ML algrithom can be used to find patterns amount in sequences.
2. Cluster the proportion of time one spending at a different(location, location types, “unique location”)

New

1. Write analysis and summary about the result(plots) I got last week, and find some interesting points in this data set. Try to think about and explain some strange and unnormal things in the plot.
2. Virtualize the patterns of sequence, such as using blue square to represent location type “Home” and so on to draw a sequence.
3. The briefly structure of the final report is kind of like this:1. Introduction (describe the motivation background etc. like proposal) 2. Literature review (the summary of the paper and material I have read for this project) 3. Result (there are about two chapters. One is data set analysis (what I have done so far), in this process, explore some questions about this data set to be answered. Another is introducing the algorithms used on this data set to answer the question, and show the results that algorithm comes up with, then do some analysis. 4. Summary ). My task is giving a draft about the first chapter of the result part.
4. Find some techniques to group or cluster people to explore their moving patterns. Start with number of location types first and add duration information later.