Plan for holiday--me

1. Mining useful information from the data set
2. Observe the given dataset
3. Summary the information like how many people a person met in a place, whether the direction can be predicted from the given dataset, how many people he meets in one place, how long he stays in one place, and use some statistical method to represent the distribution of the time period of people stays in one place.
4. Identify techniques can be applied to this dataset

Identify techniques in “trajectory data mining: an overview” that can be used on this dataset, determine whether each technique is appropriate for this data set.

1. Identify methods analyzing the results step 2 gives

Read more papers and find methods to analyze the information identified from dataset.

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-- write a description of the dataset; what do each of the columns represent; if there are any you don't understand, ask me for more info.

-- get the dataset loaded into a suitable environment (eg R, Python, etc).

-- create a github/bitbucket repository to store your scripts for processing the data and performing analyses. However, please do \*not\* store the data in the repository, just keep that on your local computer.

-- write a list of possible things you can measure about this data set.

-- choose one of these and work out how to calculate it

-- think about how to visualise the result of your analysis -- what sorts of plots, tables, etc can you produce; what is the best way to communicate the information you have obtained.

eg, for 2:

-- write out a list of techniques, and a brief description

-- for each technique, identify the requirements that apply to the data (eg, scale, resolution, etc). Determine if any techniques will be obviously invalid (nb: you may not have enough info about the data at this point, we will probably need to discuss this).

-- for any techniques that look like they are likely to be useful, these are the ones to start reading further about.