

## Plan for the project

1. Collecting Data
  - We are planning to finish data collection from Facebook and Twitter by use web crawling tools in the next two weeks
2. Choosing Data
  - We will manually choose usefully data entries from the data we collect
3. Labeling Data
  - After we choose all the data entries, we want to hand label them like the examples above.
4. Analyzing Data and writing report

Sample Data:

Keywords: Boston house, Cambridge, Boston University, Brighton

Label: 1: want to move to Boston, 0: Unrelated to the willingness to move to Boston

Number	Name	FB/Twitter Group	Content(FB/Twitter posts)	Label	Keyword
1	Antonio Liu	Boston Housing, Rooms, Apartments, Sublets, Roommates, Roomster	Hello! I am looking to sublet a room (2 other roommates or less only please!) or studio for one person starting the last week of March or April 1 in the Boston area. Moving to Boston for work - my current budget is between \$1000-\$1200 before utilities! I have great credit and open to discussions! Thank you!	1, Boston	Boston House
2	Liv Romano	Boston Housing, Rooms,	Hi all! My name is Liv and I'm looking to move back to the Boston area	1, Cambridge	Boston House

		Apartments, Sublets, Roommates, Roomster	in February. I'm looking for a room in the \$600-\$800 range, within walking distance to a T station on the red line. Prefer it to be cat-friendly, as I have an adorably friendly cat that I would like to bring with me, but am open to leaving him at home with my mom. Also looking for parking. Please let me know if you know of anything! Thank you! 😊		
3	Michelle Macera		Here is the brigade of lawless reprobates who decided It was a good idea to not require illegals to have a license in Cambridge Massachusetts!	0	Cambridge, MA
4	Matt Brown		Won't be going to Cambridge....ever	0	Cambridge, MA
5	EmmaKate Foley	Boston Housing, Rooms, Apartments, Sublets, Roommates, Roomster	Hello! I am looking to sublet a room in the Allston/Brighton area (ideally close to a T-stop good for commuting to Framingham) from June 1st - end of August. My price range is \$700-\$850 a month. Please message me if you have any availability	1, Brighton	Brighton room

6	Nalissa Amar	Boston Housing, Rooms, Apartments, Sublets	Hi Everyone! I'm a young professional moving to Boston looking for a room starting March 1st. I am looking to live in Cambridge, Somerville, Brighton, or Allston. Ideally I would like to find something for less than \$900/month including utilities. Please let me know if you have anything!	1, any	Boston Housing, Brighton
7	Richard Laird		Who doesn't love the idea of 'Jumbo' Joe Thornton returning to Boston, winning a Cup and just walking into retirement the goddamn Champion we all know he is. What a rallying point that would be for that locker room.	0	Boston
8	Javiar		Blessed to receive my first Division 1 college offer from Boston College University!	1, Brighton	Boston University
9	Max Murrel		Grateful to have received an offer from Boston University.	1, Boston	Boston University

Because the hardest part for our project is to collect data. Here is just some sample data we collected. We are still writing web crawling tools and looking for good keywords to search data. We have meetings with Spark twice a week to discuss our progress of the project.