1. What is the problem you want to solve?

I will be analyzing the supply of taxis in Chicago.

1. Who is your client and why do they care about this problem? In other words, what will your client DO or DECIDE based on your analysis that they wouldn’t have otherwise?

The potential clients in this scenario could be:

* the city of Chicago – taxi regulations and state of the industry
* taxi companies – state of the industry and how to manage their fleet
* taxi drivers – understand when are the optimal times to be driving
* other ride sharing services – to understand the industry in order to disrupt it

1. What data are you going to use for this? How will you acquire this data?

The city of Chicago publicly released a data set of 105 million taxi rides dating back from 2013 to 2016. I can acquire this data by simply downloading it.

1. In brief, outline your approach to solving this problem (knowing that this might change later).

My approach to solving this problem is to understand under what conditions the supply of Chicago taxis on the road change – these conditions could be number of customers, how much taxis are making, how many other taxis are on the road, time of day, or other factors.

1. What are your deliverables? Typically, this would include code, along with a paper and/or a slide deck.

My deliverables will be code along with a slide deck.