
ISyE 2028 – Basic Statistical Methods - Fall 2015
Bonus Project: “Big” Data Analytics
Proposal (or Final Report)

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Problem Description:

I would like to perform a study on average waiting time in emergency room in USA. I believe many of you had an experience of suffering in ER to receive immediate care. As you know, however, it is almost impossible to get immediate care unless you have suffered life-threatening injuries like as heart attacks. So I want to analyze how much the system has improved over time.

Data source and method:

There are a lot of resources on the internet. I will collect the data from many different websites then put the references later. After collecting the data I need to analyze, I will use program R to find the mean wait time in USA emergency room under different conditions. Also, I will put some graphs and tables to interpret the data by using Excel.