Econ 5970 Problem Set 1

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1   Introduction

My prime interests in economics are happiness economics, goal achievement, and willpower with development and data science as the big picture goal and the primary tool. The greatest certainty of improving ones life is by ameliorating the scarcity of extreme poverty, therefore my end goal is development. I wanted to take this class because data science is necessary for research and it is helpful in creating and implementing technology that may change behavioral outcomes. More importantly, I took a DSA class last semester and I fell in love with it more than any theoretical class I've taken before.

My working idea for the project is to 1. Compile a data set of all large American cities with standard economics and demographic variables. (Density, murders, rain, average commute, red, blue, religiosity, trust, average vegetables eaten per capital, obesity rate, etc...) 2. Build an index of happiness based off of Google search trends for depression and Twitter sentiment data for happiness from each city. 3. Ruminate 4. Compare my index with surveys, GDP/income/consumption per capita, etc. Discuss implications and results.

My goals for this class are to produce projects that can represent my proficiency in "stuff" with the condition of being proud of them.

After I graduate I'll most likely apply to Economics, or Decision Sciences PhDs in Germany, but if I can somehow snag a job at a start-up to work on my ideas then that will likely beat out a PhD.

Thanks for caring.

2   Equation

$a^b + b^2 = c^2$