Homework 1

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1   3-5 years from now

By 2018, I would like to be be assisting small health-related organizations (NGOs as well as government agencies) in the collection, analysis and understanding of their data. My aim is to do this in the context of a small consultancy. Our niche will be (a) small organizations, (b) short-term goals/projects, and (c) data.

2   3 training goals

In order to be prepared to run a data-oriented consultancy, I would like to acquire the following three skills while at UF:

- Principles of data management and *open-source* software and code.
- Data visualization, presentation and speaking skills
- Rigorous *observational* study design, and analysis of imperfect/flawed/biased data

3   Courses, applied experiences and training

In addition to the courses I've already taken, I believe that the following will be of value:

- Measuring analyzing health outcomes (GMS 6822)
- Field epidemiology (PHC 7916)
- Public health surveillance (PHC 6937)