PROJECT IDEAS (scrapbook)

1. I am thinking of something related to terrorism - probably classification and predicting of terrorist attacks, and their causes. Could also be in the form of a question like: given a location, predict the likelihood of a terrorist attack
   - Data: I would be hoping to use the dataset from the Global Terrorism Database (GTD) maintained by the University of Maryland

2. The medical field has a lot to offer regarding dataset; so will be thinking of doing a regression analysis to predict what should be paid out to medical practitioners based on what was paid out to them in the past. Predicting doctors' prescription based on past data could also be a good idea.
   - Data: I think the dataset from the Center for Medicare and Medicaid and probably the US Food and Drug Administration FDA could be a useful resource

3. Think of some sentiment analysis using social media mining with python on any current issues or topic of interest.
   - Data: I would think Twitter should be a preferable choice because they have a working API for that, and also because there are already a lot of documentation to can aid in doing such.