Presentation Outline

* What the project does
* How this is useful
* Information Captured
  + RFPs and RFIs
    - NYSCR.gov
    - DASNY.org
    - GOV.uk
    - RFPDB.com
  + Events
    - EventBrite
  + Description, due date, location, issue date, and much more
* How it does it
  + Scrape all RFP sites using the Python library BeautifulSoup.
  + Insert this data into a raw SQL table.
  + Scrape all event sites using their API through python.
  + Insert this data into a raw SQL table.
  + Clean the individual tables using SQL queries.
  + Insert all individual sites into master table and current table.
  + Using Pandas take SQL queries and insert the data in data frame.
  + Export the data frames into excel sheets.
  + Attach the excel sheet and email the team the results using Yagmail and HMTL.
* What the results look like
  + Daily email
  + SQL table
* README
* Latest improvements
  + Created this README as a guide to the application.
  + Spelt Opportunity correctly everywhere.
  + Scraping Eventbrite
  + Renamed Job SQL tables.
  + Added README to email.
* What’s next
  + Scraping more sites
  + Work with Keywords
  + Identifying useful opportunities
  + Help give elements to apply to RFPs
  + Small tweaks
* Big accomplishments
  + Web scrape
  + Store data in SQL table
  + Basic data manipulation
  + Export SQL information to Excel
  + Automatically send emails
  + Automatically run programs
  + Use APIs
* What I’ve learned
  + Two Languages
  + How to plan a project
  + Working with a team
  + How to debug efficiently
  + Manipulating Python
  + How to spell Opportunity