Project

Problem:

I want to contribute to a charity that addresses disease X. What charity should I pick?

Input:

Disease: `<text box or dropdown menu>`

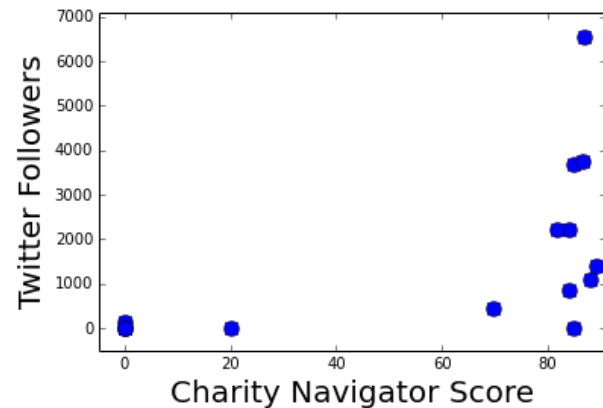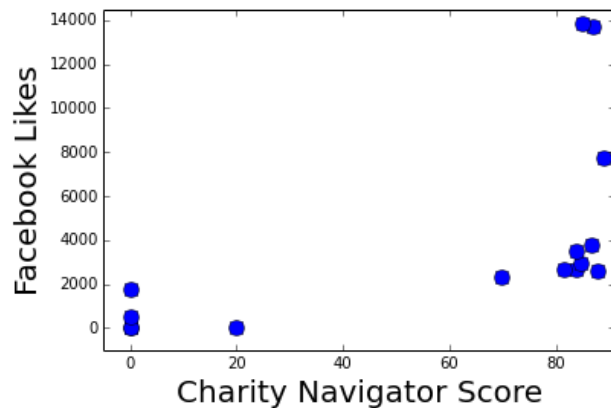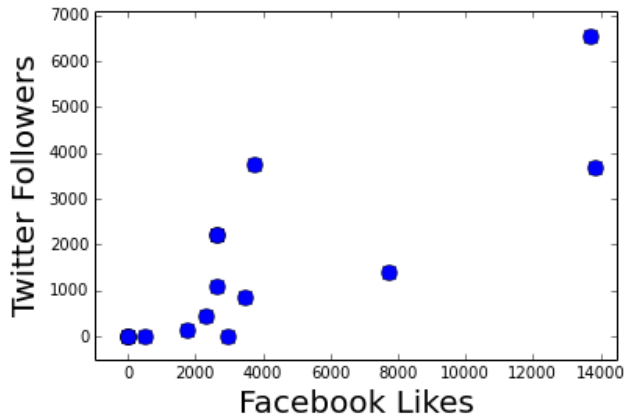State: `<dropdown menu>`

Accredited: `<dropdown menu: yes or no>`

Focus: `<dropdown menu: research, outreach, etc.`

Output:

Name	State	Charity Navigator Score	Give.org?	Facebook Likes	Twitter Followers	Contact Info	Accredited
Multiple Sclerosis Foundation	FL	86.86 (3 stars)	Yes	13,702	6,557	(800) 225-6495	No

Data

- Charity Navigator:
  - 704 health-related charities
  - Scores on finances, accountability, and overall
- BBB give.org:
  - 1,240 health-related charities
  - BBB accreditation, scores on 20 standards
- Facebook: number of likes
- Twitter: number of followers

Algorithm

1. Scrape charity databases for specified disease.

2. Search for additional info on each charity.

3. Merge data from multiple sources.

4. Cluster charities by quality metrics.

5. Print output.