

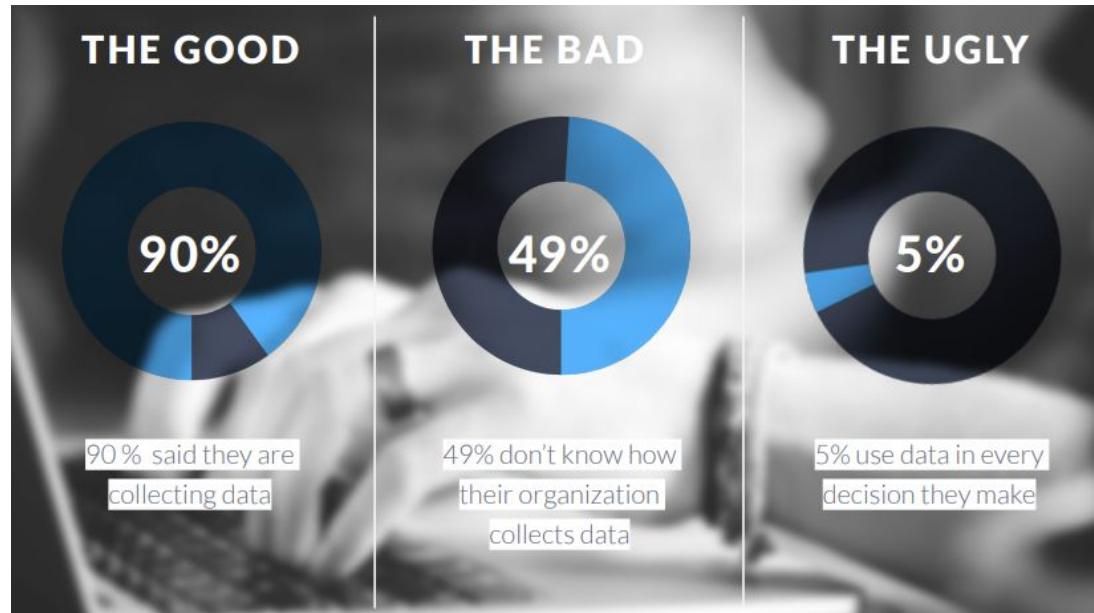
Biokind
Analytics

“Only 6% of respondents said they felt they were effectively using the available data at their disposal”

- Survey of 467 Non-Profit Leaders

Our goal is to advance healthcare non-profit organizations' missions by using data science to assess current operations in order to lower costs, improve efficiencies, and predict future needs.





Source of Problem

1. Not Enough Time or Personnel to Focus on Data (79%)
2. Personnel Don't Have Experience with Data (55%)
3. Lack of Tools to Help Analyze Data (42%)



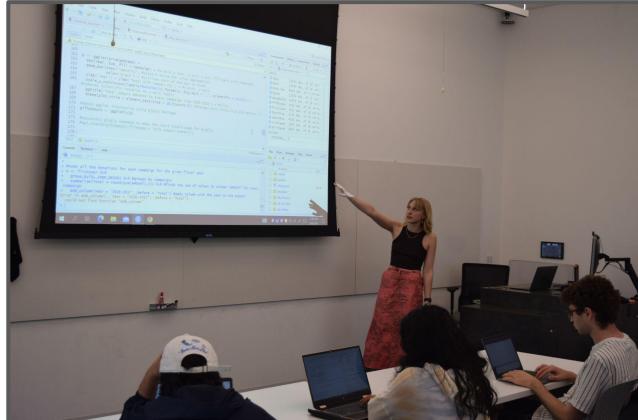
About Biokind Analytics

- Registered 501(c)3 organization
- Provides data analysis to healthcare non-profit organizations
- Data can range from donor, program volunteers, to patient databases
- **Mission: to bring together undergraduate statisticians across the country to apply classroom learning for meaningful, positive societal impact in their communities**



First Chapter: Rice University

- 25+ student members
- Focuses on non-profit organizations based in Texas
- Replicating chapters at universities around the U.S.



Chapter Founder Trainings (4 Month Process)



Chapter Founder Team, FALL 2022



Chapter Founder Team, SPRING 2023



Chapter Founder Team, SPRING 2023



Biokind
Analytics

501(c)(3) organization

UCDAVIS
UNIVERSITY OF CALIFORNIA



RICE



EMORY
UNIVERSITY

UC San Diego



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON



RUTGERS
THE STATE UNIVERSITY
OF NEW JERSEY



UNIVERSITY
OF VIRGINIA



BROWN

Incoming Biokind Chapters (Summer 2023)

Duke
UNIVERSITY



THE UNIVERSITY OF
CHICAGO



Northwestern
University



NYU

I ILLINOIS



Ucla

Northeastern
University



15 Non-Profit Partners



...
"Biokind helped our internal team understand our metric better and to share with donors key data points that fuel our mission. They also helped identify how we are reaching underserved communities, which in turn, helps us apply for more grant opportunities."

David Hancock,
CEO at Heroes for Children
(Dallas, TX)

...
"Biokind's analysis will help us move forward in an organized manner. We now know what steps to take moving forward to gather the appropriate data. Biokind helped to streamline multiple aspects of our organization."

Shamia Gipson,
Assistant at Hope for Three
(Fort Bend County, TX)

Recent Recognitions

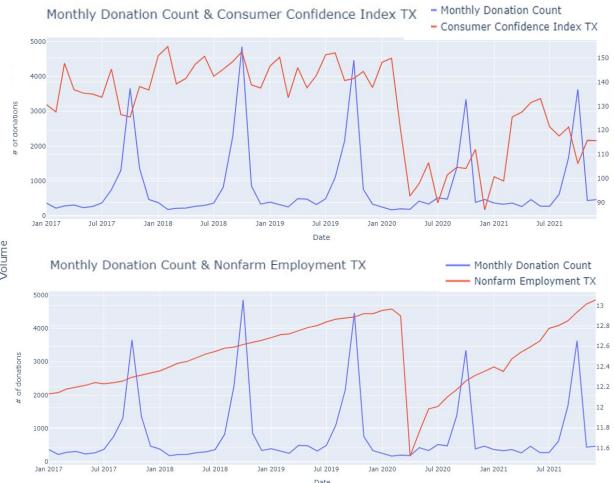
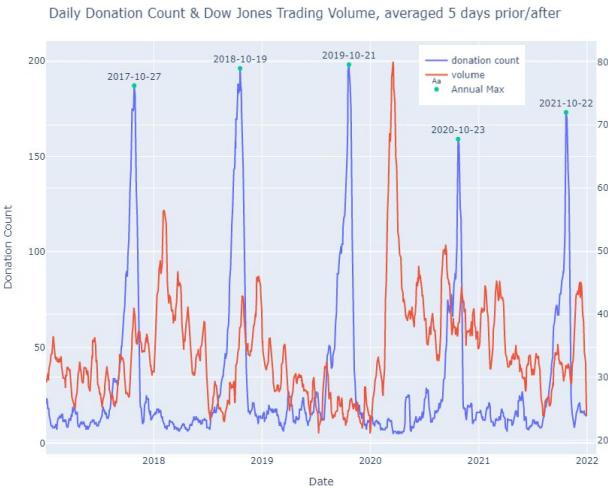


innovationmap

Non-Profit Project



“Is there a relationship between altruism and the economy?”



Topic: Altruism (Healthcare Non-Profits) and Economy

Potential Ideas

- cluster by region and size of nonprofits
- type of non-profit and significance of donor demographic

Sample Data:

National Center for Charitable Statistics

<https://nccs.urban.org/publication/nonprofit-sector-brief-2019>

<https://nccs-data.urban.org/data.php?ds=bmf> (IRS data from 1989-2022)

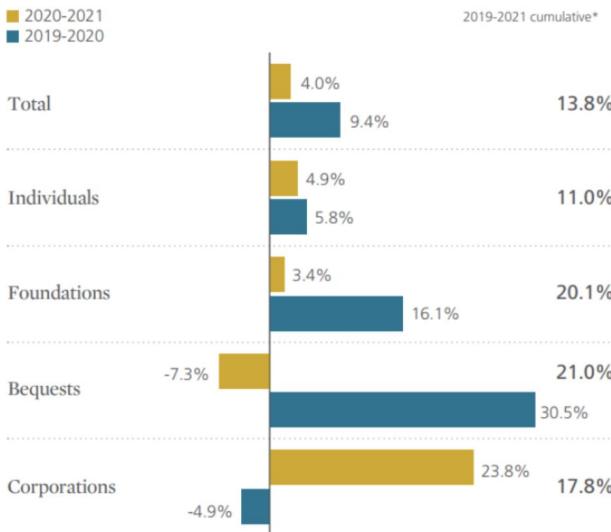
Articles to consider exploring:

<https://thenonprofittimes.com/report/giving-usa-data-shows-18-6b-lift-flattened-by-inflation/>

	Change in Revenues			Change in Expenses			Change in Assets		
	2006–16	2006–11	2011–16	2006–16	2006–11	2011–16	2006–16	2006–11	2011–16
All public charities	32.9	10.6	20.2	38.9	14.5	21.3	40.2	11.5	25.8
Arts	13.6	-8.2	23.7	27.2	2.8	23.8	25.3	1.4	23.5
Education	29.3	4.8	23.4	45.7	15.4	26.2	37.0	8.5	26.2
Higher education	26.4	4.1	21.4	44.5	14.7	26.0	32.9	5.1	26.5
Other education	34.7	6.0	27.0	47.9	16.8	26.7	45.1	15.3	25.8
Environment and animals	35.6	8.2	25.3	44.5	19.3	21.1	45.6	9.5	33.0
Health	37.8	14.9	19.9	41.3	15.9	21.9	51.6	18.5	27.9
Hospitals and primary care facilities	37.4	15.5	18.9	39.6	15.6	20.7	56.0	21.1	28.7
Other health care	40.1	11.7	25.4	50.9	17.4	28.5	35.1	8.5	24.5
Human services	22.5	8.6	12.8	25.2	11.3	12.5	27.5	10.6	15.2
International	28.1	-0.6	28.9	27.8	6.8	19.7	40.7	0.6	39.8
Other public and social benefit	25.8	1.7	23.7	32.6	11.5	18.9	26.2	0.1	26.1
Religion related	47.0	9.8	33.8	54.8	14.8	34.8	26.6	8.9	16.3

Changes in giving by source: 2019–2020 and 2020–2021, 2019–2021 cumulative

(in current dollars)



Percentage change from previous year

*The two-year change is calculated separately and is not the sum of the changes in the two years.

