Charity Recommender

Connecting Worthy People to Worthy Causes

The mission of Charity Recommender is to connect people to new and impactful charities in their community. It helps connect people to new charities based on previous donations, providing options to identify local charities based on specified categories.

General Functionality:

1. **Search <u>charity name</u> to generate similar charity options via *Latent Dirichlet Allocation***
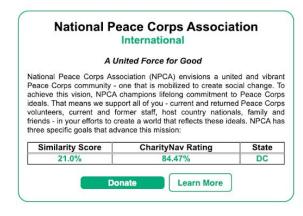
   a. Natural language processing of charity mission statements

   b. Transform mission statements to TF-IDF vector representation

   c. Assigns similarity score based on topical similarity of documents

   d. Compares to 8,400 charity mission statements in model database

   e. Recommends top three similar charities

2. **Search <u>location</u> (zip code) and <u>category</u>**

   a. Filters 1 million charities by category

   b. Assigns locality factor based on zip code, county and state match

   c. Multiplies locality factor by income code to generate and sort by final score

Similar Charity Recommendations

Teach For America
Education

Building the movement to eliminate educational inequity

Teach For America finds, develops, and supports a diverse network of leaders who expand opportunity for children from classrooms, schools, and every sector and field that shapes the broader systems in which schools operate. In the 2018-2019 school year, over 6,700 first- and second-year Teach For America corps members are teaching in 51 regions across the United States. Since 1990, Teach For America corps members have reached more than 10 million students. Teach For America's 53,000 alumni are providing critical leadership -- as teachers, school and district leaders; elected officials and policy advisers; and founders and leaders of education and social reform initiatives -- to ensure all children have the opportunity to attain an excellent education.

CharityNav Rating	State
88.0%	NY

Donate	Learn More

National Peace Corps Association
International

A United Force for Good

National Peace Corps Association (NPCA) envisions a united and vibrant Peace Corps community - one that is mobilized to create social change. To achieve this vision, NPCA champions lifelong commitment to Peace Corps ideals. That means we support all of you - current and returned Peace Corps volunteers, current and former staff, host country nationals, family and friends - in your efforts to create a world that reflects these ideals. NPCA has three specific goals that advance this mission:

Similarity Score	CharityNav Rating	State
21.0%	84.47%	DC

Donate	Learn More

Next Steps:

- Integrate recommendation features with Givz charity donation platform

- Add more charities to database to improve recommendations

- Build additional filtering criteria such as by state and Charity Navigator rating

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