Beehive

Data Science Volunteers Wanted

www.beehivegiving.org

Beehive reinvents a flawed funding system. Our new web-based service matches non-profits with funders able to support them.

The problem

Non-profits waste far too much time finding funders that might support their work and writing applications that are doomed to fail. So they resort to a scattergun approach of sending as many applications as possible in the hope that one of them hits.

This means **funders** struggle to have the right organisations apply for their support, with many overwhelmed with the amount of interest they receive. And when making investment decisions funders find it difficult to compare non-profits in a simple, scientific way.

This system is hugely inefficient, resulting in nine out of ten funding applications failing.

Our solution

Beehive (www.beehivegiving.org): the only tool that uses open data on historical giving to match suitable non-profits with funders.

What we're looking for

We are looking for data science volunteers to support with the development of our recommendation approach. The beta currently has **1,000+ non-profits**, and **25 funders** with **~20,000 previous grants**. The purpose of the beta has been to extend this data, with features suitable for cluster analysis.

Ideally volunteers would be able to:

- Help us understand the value of the data we've captured thus far.
- Advise us on how to improve our recommendation approach.
- Help us to implement an improved version of our recommendation approach.

And have experience working with: R (or equivalent), Cluster analysis, Text analysis.

Experience of integrating recommendation features into web-apps would be a bonus.

The commitment

Approximately 15 – 30 hours, between November 2015 and January 2016.

Oct 15 - Informal chat: to find out more about the opportunity and if it's right for both of us.

Nov 15 - Jan 16 - Project

Next steps

Get in touch with **suraj@thefoundation.org** to express your interest and find out more.