Problem
There are very
few women and
minorities
contributing to
open source
project. Does
this affect
software success
and
sustainability?

## Solution

Get github data, analyze, make suggestions

# **Unique Value Proposition**

Understand the effect of a diverse, inclusive group of contributors on a open source software. Exploratory and first round of analysis should be done with enough information to provide a report.

# **Key Metrics**

Sustainability: time, number of downloads, stars Diversity: gender, ethnicity?

#### User Profiles

Other open source contributors and scientists.

importance of understanding our own community

## Resources Required

Execution

Project

Data source, analysis plan, clear hypothesis, clear metrics, input for how to measure success and diversity.

## **Contributor Profiles**

Contribution types and ideal contributors Statisticians, sociologists, computer programmers.

Talk about the difficulty and impact of the methods I want to USE

Contributor

Channels

See next slide for instructions!

# **Product**

# Community

users

Your

# Open Canvas

project : Title

## Make your own canvas: Go to File > Make a Copy...

#### Problem

The top 1-3 problems you want to solve

#### Solution

Outline your proposed solution for each problem

#### **Unique Value Proposition**

A clear message that states what you offer and why you are different. Can be derived from:

- 1. The main problem you are solving
- 2. The finished story and benefits users will have by using your product

Example: Square - start accepting credit cards today

## **Key Metrics**

How will you measure success?

#### User Profiles

Target audience and early adopters

Who are you building this for? Who will your early adopters be?

#### **User Channels**

List how you will gain new users

## Resources Required

What do you need to build an MVP (minimum viable product)? Design, Development, Expertise, Hardware requirements and other costs

# **Contributor Profiles**

Contribution types and ideal contributors

What do your contributors look like? Be sure to include the different expertise you outline in "Resources Required"

## Contributor Channels

List how you will gain new contributors

Execution Project

**Product** 

Community