Out of the Spreadsheet & into the Community

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Motivations
Measuring Impact

your project + measurement = data
Out of the Spreadsheet & into the Community

TICTec 2016

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Measuring Impact Together

your project + measurement = data

Opportunities for participation!

definition

collection

analysis

presentation
Going from Data to Story Together

- Asking Questions
- Finding the Data
- Finding a Story
- Telling Your Story
- Trying it Out
Going from Data to Story Together: Example #1

- Asking Questions
- Finding the Data
- Finding a Story
- Telling Your Story
- Trying it Out
### Asking Questions Together is Hard

All the trees in Somerville, MA, USA

Data from the city of Somerville

Scraped by Rahul Bhargava

Presented via Microsoft Excel
Asking Questions Together with WTFcsv

- **date**: A chart showing the number of rows over time.
- **probability_of_fa**: A bar chart showing the number of rows for different categories.
- **hazard_rating**: A histogram showing the number of rows for different hazard rating categories.
- **condition**: A bar chart showing the number of rows for different condition categories.
- **target_impact**: A bar chart showing the number of rows for different impact categories.
- **location_value**: A bar chart showing the number of rows for different location categories.

Presented via wtfcsv.databasic.io
Going from Data to Story Together: Example #2

- Asking Questions
- Finding the Data
- Finding a Story
- Telling Your Story
- Trying it Out
Telling Your Story Together: Data Murals

“The numbers tell a story”

“Someone cared enough to do [the mural], and it benefits everyone”

“I’ve never made [an infographic], now I totally feel like I could. I’m inspired.”
The Data Mural Process

1. Guy reaching for data hand & arm (Pineapple = Symbol)
2. Clouds raining veggies

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Make This Whole Process Participatory

- Brainstorming questions to ask
- Looking for stories in data
- Making a data storybook
- Building data sculptures
- Practice convincing diverse audiences
- And more…
Impact Data is an Opportunity
Next Steps

• Checkout datatherapy.org for more ideas
• Contact me: rahulb@mit.edu, @rahulbot