

Tech for good Workshop

ImaginCafé

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Ai Instructor at allWomen

Workshop Content

- I. One solution for each type of problem
- II. Use cases
- III. Build your first interactive visualization

I. One solution for each problem

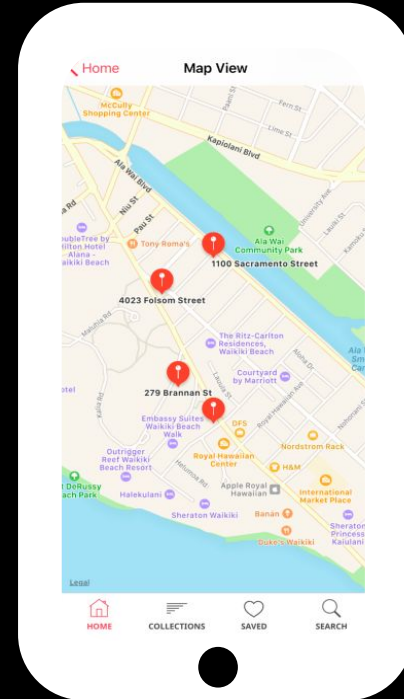
Interactive Visualization

- Denounce social injustice
- Engage citizens in social problems
- Open knowledge to the society



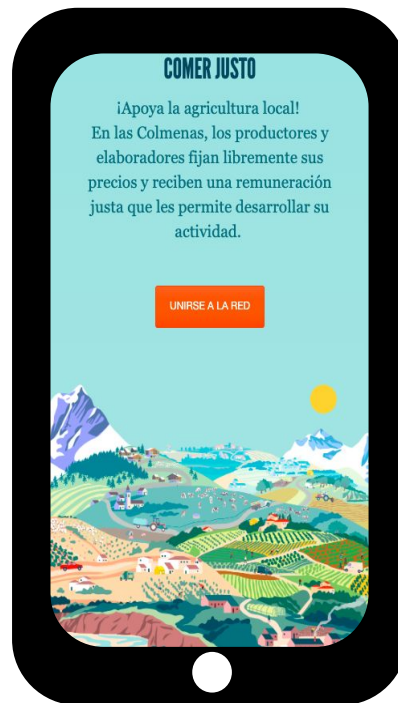
Event Geolocation

- Support social initiatives by geolocating them
- Denounce events
- Find areas of interest for minorities



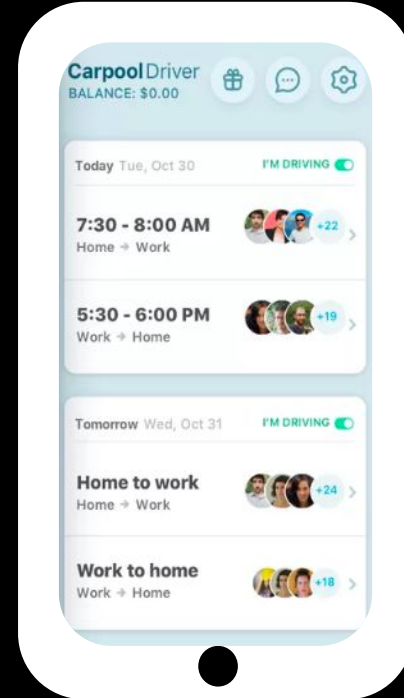
Coordination Platform

- Coordinate small producers for complete services
- Coordinate collective decision making
- Food-cops cooperation
- Liquid democracy tools



Sharing Platform

- Share resources to decrease the ecological footprint
- Share goods to reduce consumption



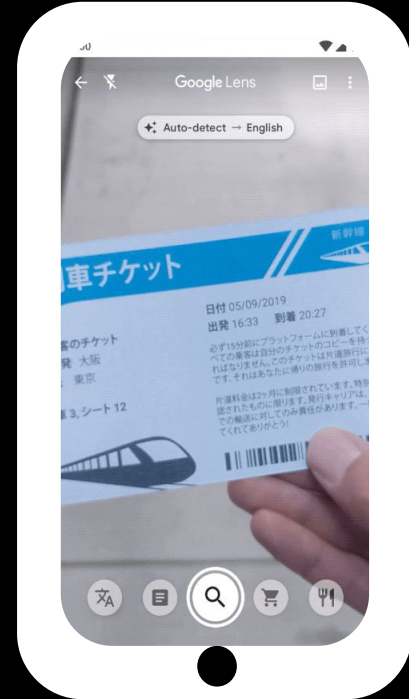
Forecasting Tool

- Track a behavior and help users to predict future events
- Help planning and trigger changes on habits



Ai Assistant

- Cross barriers for people with limitations
- Reader & Translator assistance



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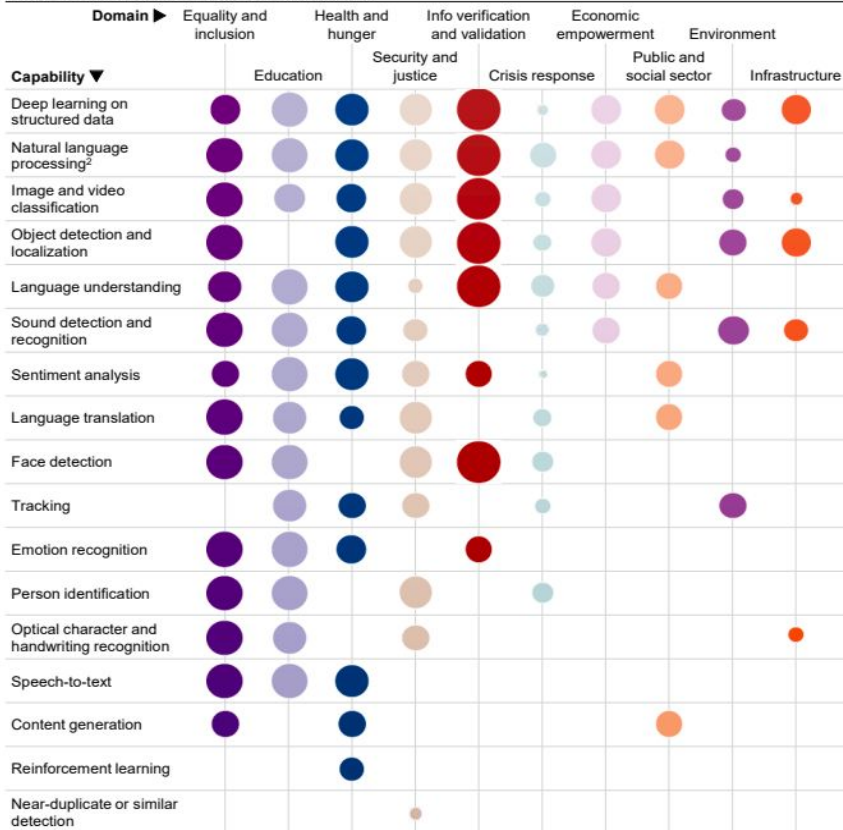
NOTES FROM THE AI FRONTIER APPLYING AI FOR SOCIAL GOOD

DISCUSSION PAPER
DECEMBER 2018

Mapping usage frequency of AI capabilities to ten social impact domains identifies patterns of the relevance and applicability of AI for social good.

Lower Higher

Usage frequency of AI capability for each domain



Usage frequency of analytics capability for each domain



II. Use Cases

Sexual Misconduct Tracker

Sexual Misconduct Tracker

Empathize

Problem
Definition

Ideate
Solution

Build
Prototype

Test

A word cloud of terms related to sexual misconduct and its psychological impacts. The words are arranged in a horizontal, slightly curved shape. The most prominent word is 'Fear' in large, bold, red font. Other words include 'societal blaming', 'further abuse', 'shame', 'embarrassment', 'manipulation', 'Who will believe me?', 'financial dependence', 'humiliation', 'workplace retaliation', 'reliving the experience', 'isolation', 'trauma', and 'family ties'. The words are in various shades of red and pink, with varying font sizes and weights.

societal blaming
Fear
further abuse
shame
embarrassment
manipulation
Who will believe me?
financial dependence
humiliation
workplace retaliation
reliving the experience
isolation
trauma
family ties

Sexual Misconduct Tracker

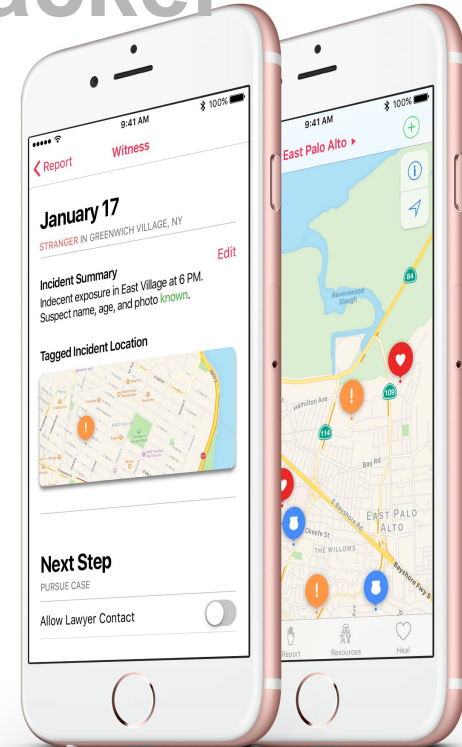
Empathize

Problem
Definition

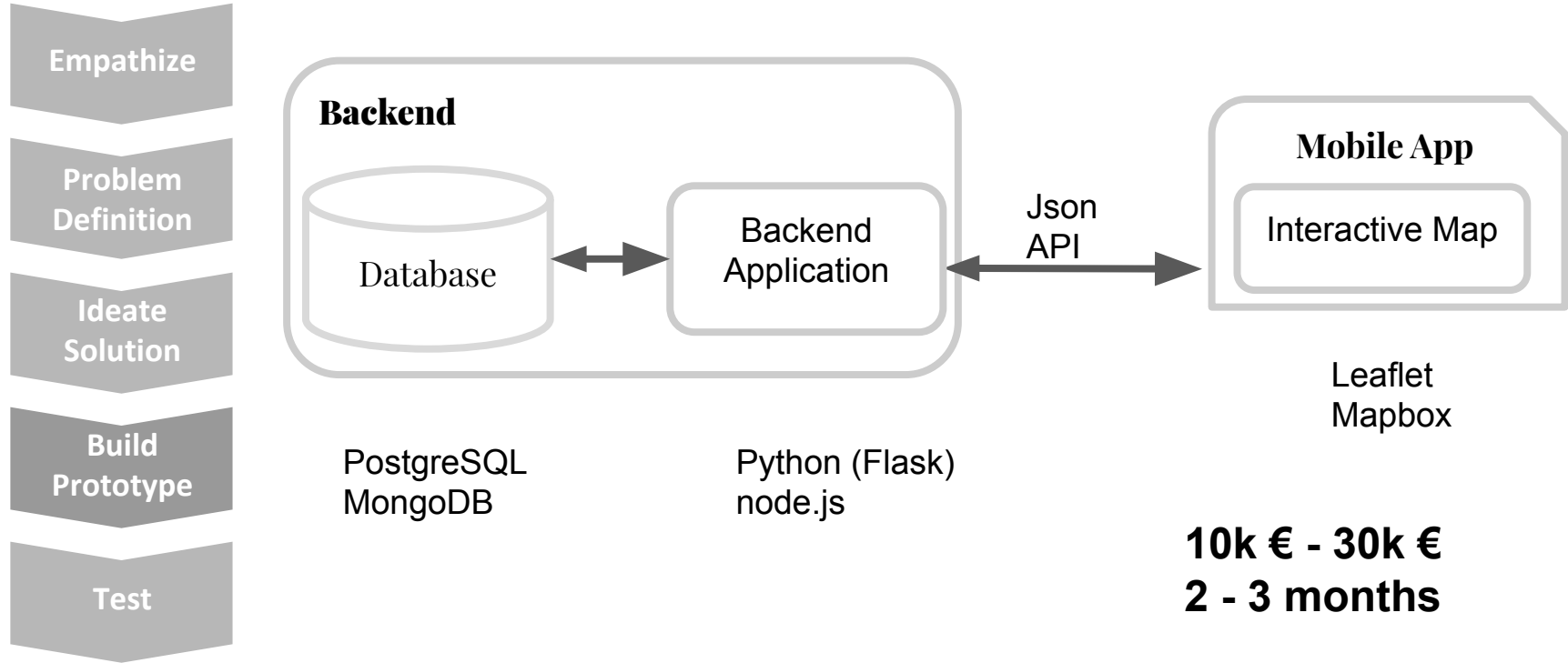
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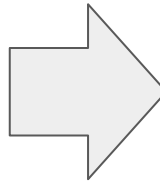
How to make it happen?



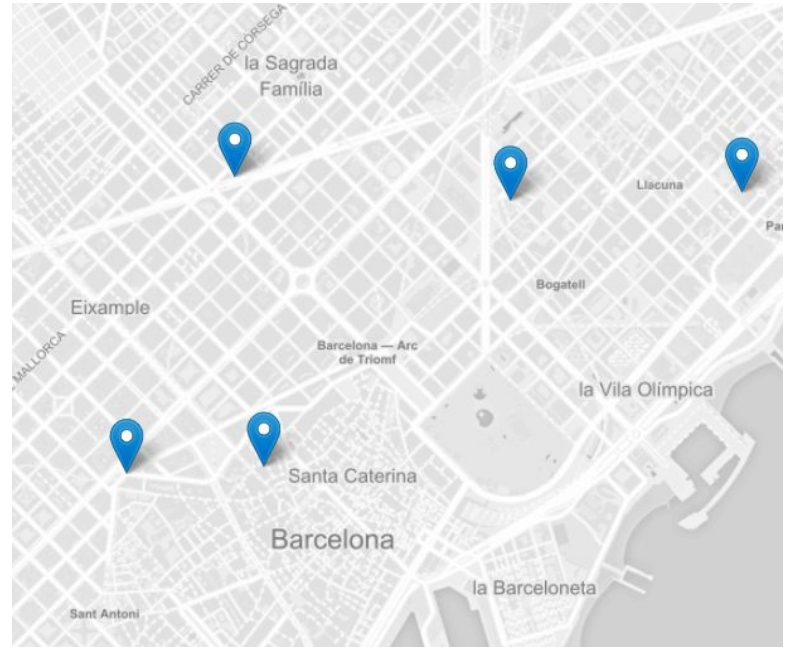
Mapping: Leaflet

database

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[  
  {  
    "type": "something",  
    "latitude": 42.48724,  
    "longitude": 2.48328  
  }  
]
```



map



Tenant Harassment Forecast

Tenant Harassment in NYC

Empathize

Problem
Definition

Ideate
Solution

Build
Prototype

Test



Forecast high risk tenants

Empathize

Problem
Definition

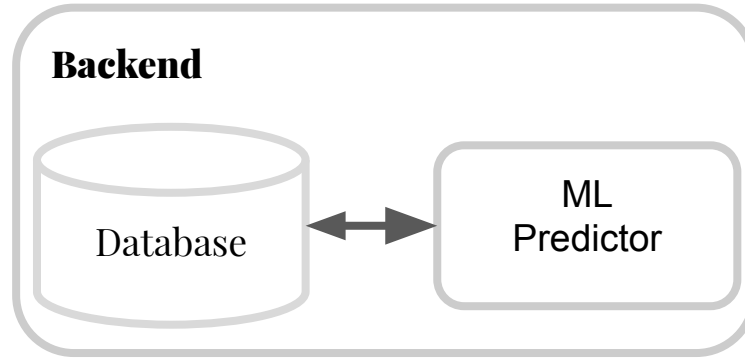
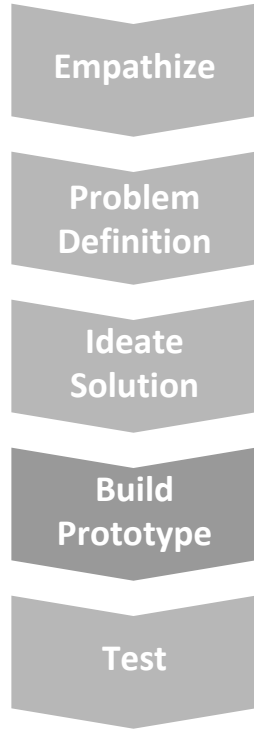
Ideate
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How to make it happen?



PostgreSQL
MongoDB

Python
Folium

Mapping: Folium

Empathize

Problem
Definition

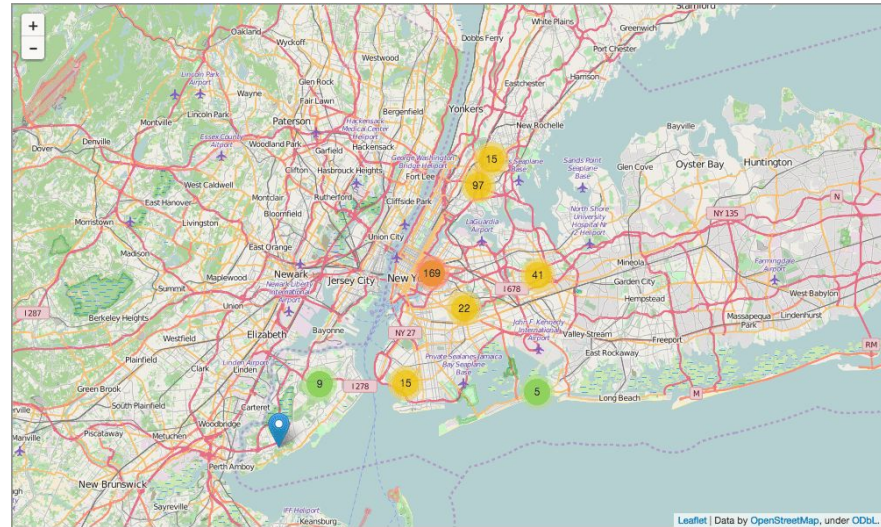
Ideate
Solution

Build
Prototype

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ML



Gender Bias Correction

Gender Bias Correction

Empathize

Problem Definition

Ideate Solution

Build Prototype

Test



Gender Bias Correction

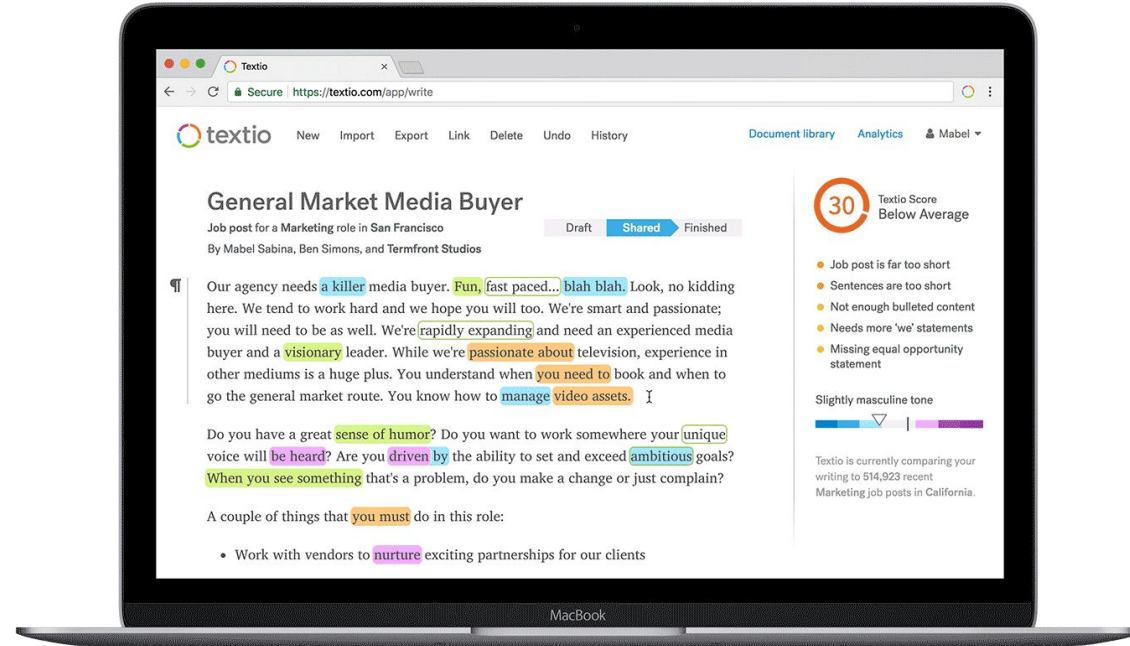
Empathize

Problem
Definition

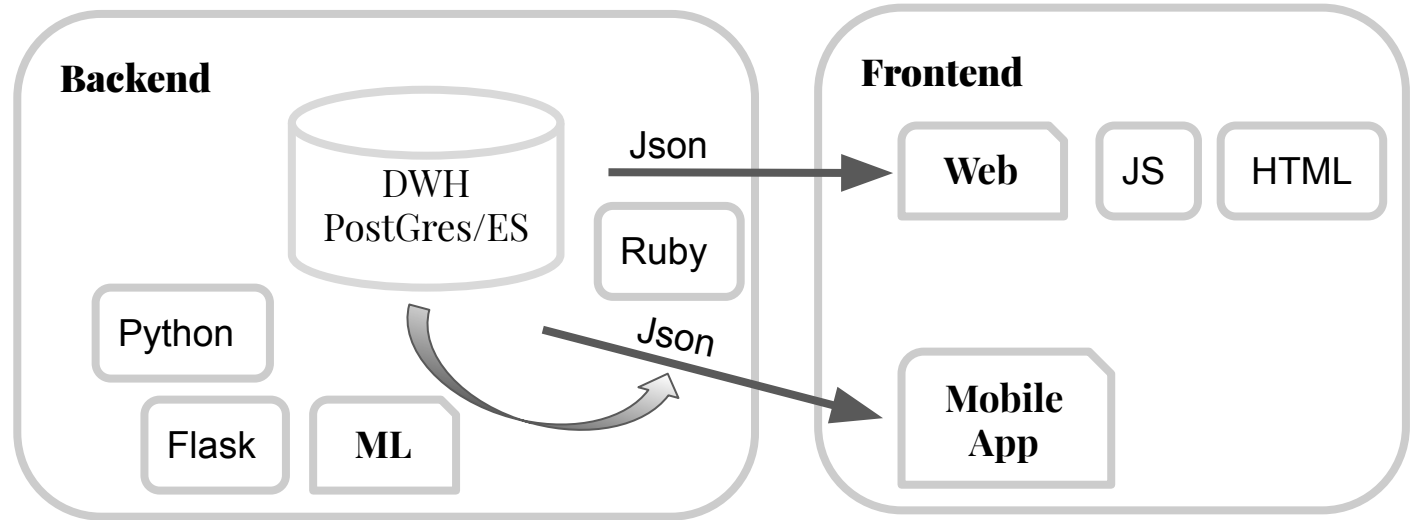
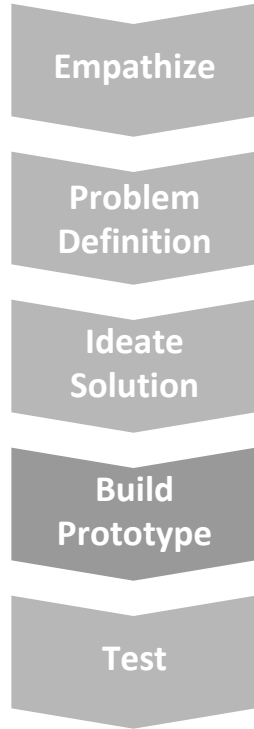
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How to make it happen?



Build your first interactive visualization!

Go to this [notebook](#) and save a copy in your Google Drive