get your science *in front of* people
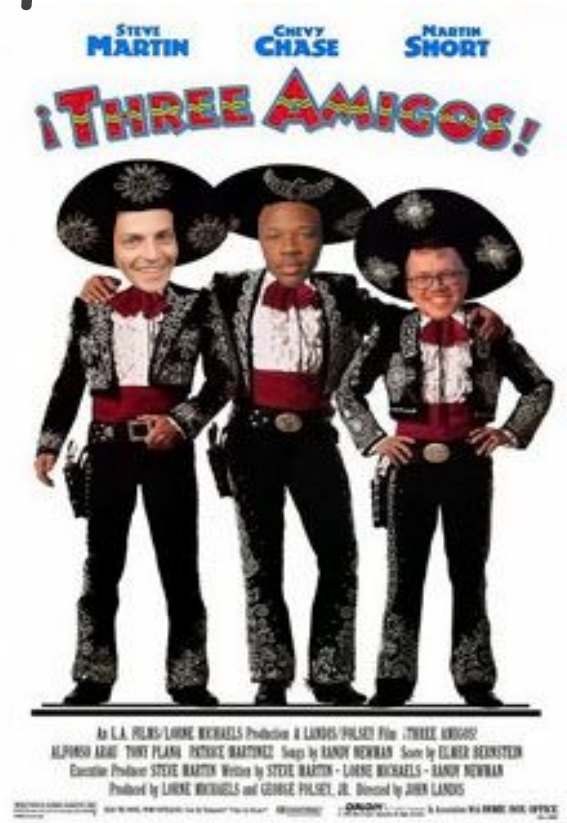
Team Members:
Colton Grainger
Daniel Lamb
Kellen Hill

Mentor:
Joon Yee Chuah

the status quo

```
scientists -> enlightening plotly dashes

plotly dashes -> the public writ large

plotly servers -> 🔥 🔥 🔥 (~1000 users)
```

user story

"I, as a data scientist, who knows a little python and has **geo-spatial time series** data, want

1. to visualize an **interactive regional heatmap** (color = net change over time interval) and
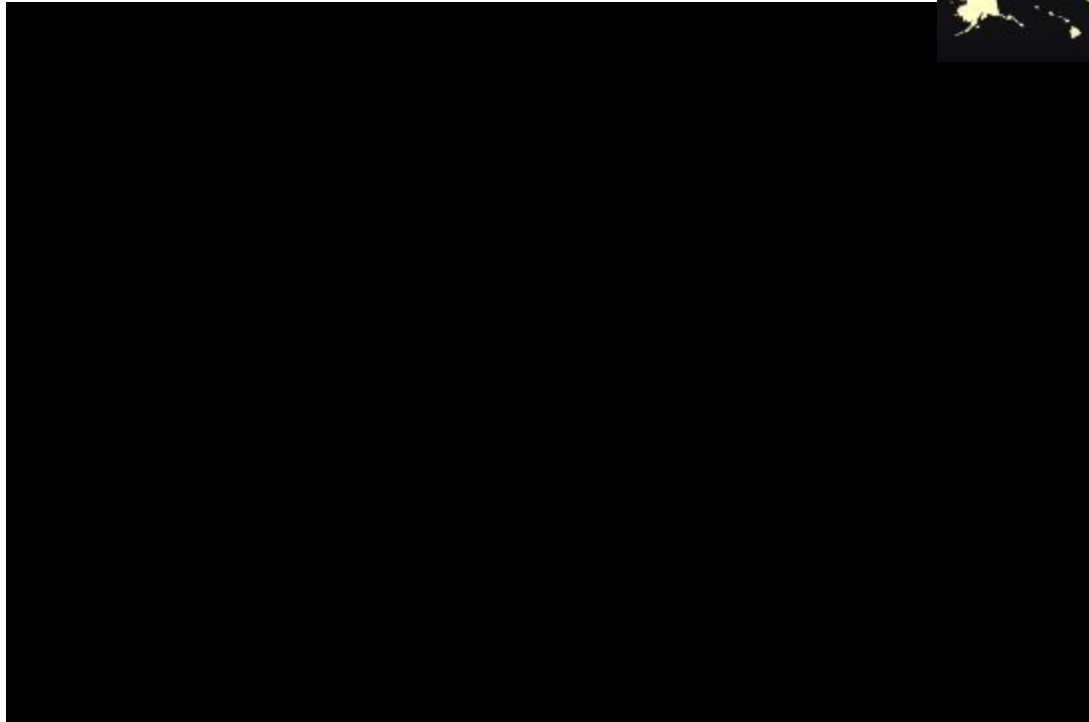2. to **publish** this visualization for a large audience."

Extract, Transform, Load

- **Sourcing desired data**

- **Cleaning and organizing the data**
  - **Using pandas**
  - **Custom user inputs for flexibility**

- **Outputting data for use in Plotly dash**

Visualization Demo

Thank You!

- special thanks to our mentor Joon Yee

- Mentors/Organizers
- Daniel/Colton/Kellen
- Hackathon Sponsors