



from data to dash

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





Thanks

- Mentors (Joon
- Sponsors
- Fellow team members