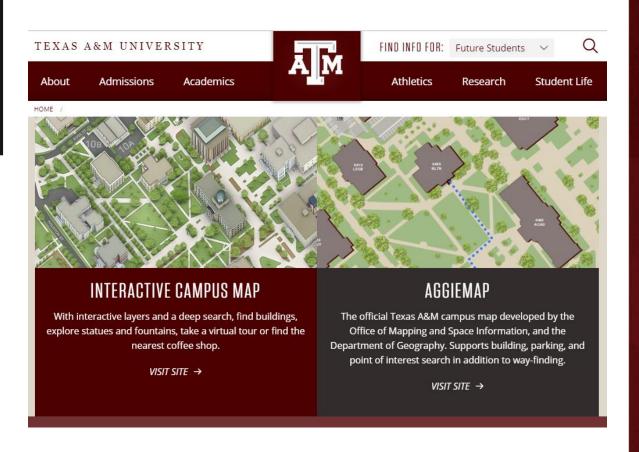


Daniel W. Goldberg, Edgar Hernandez
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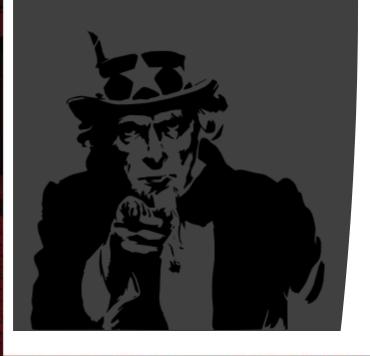
AggieMap: The Official TAMU Map

- Authoritative
- Accurate
- Interactive
- Used (a lot)





We Are Seeking Partnerships



1

You got research question?

2

We make data.

3

You want data?

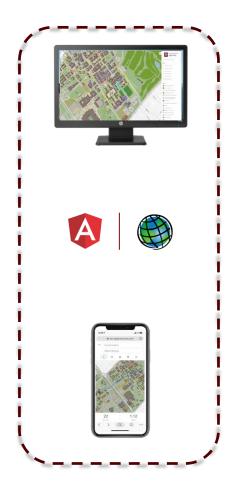


We got data.



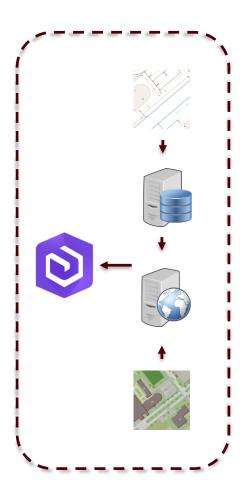


Architecture





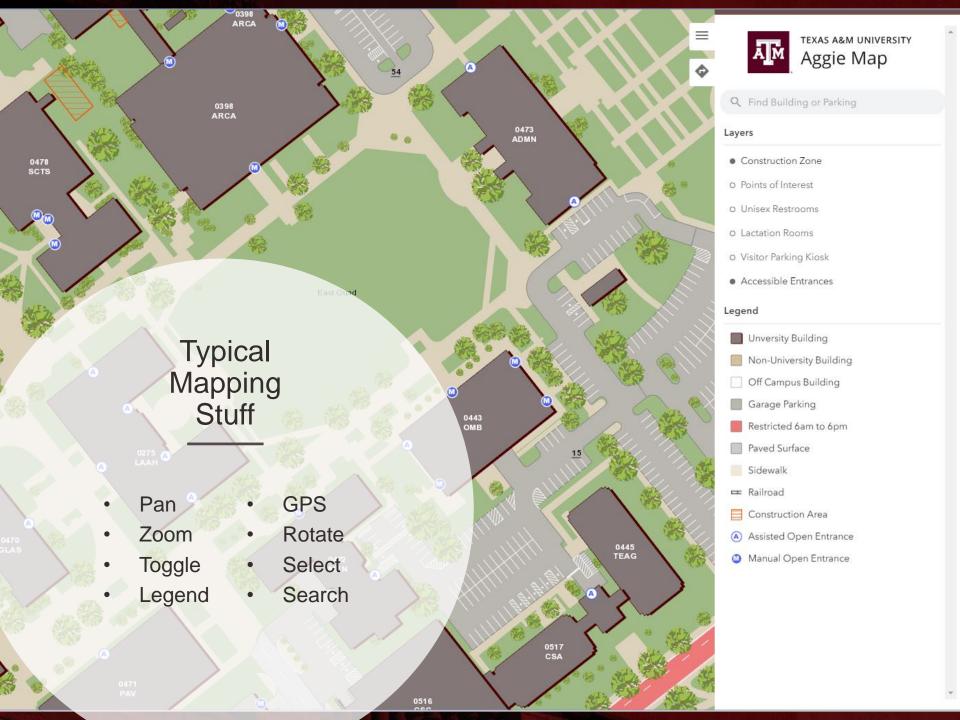
Horsepower

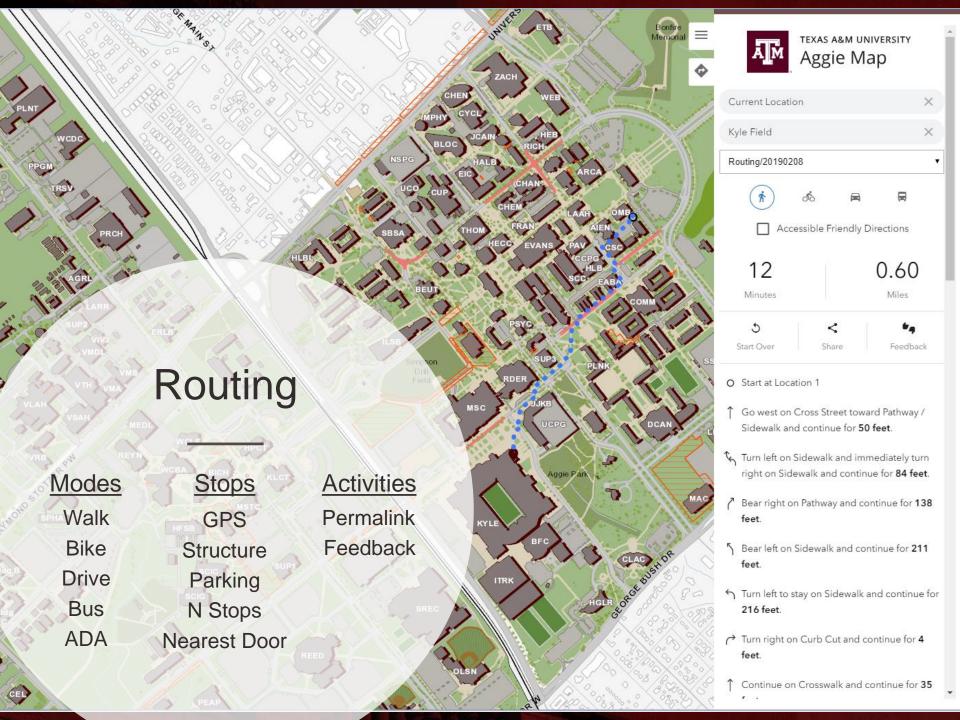


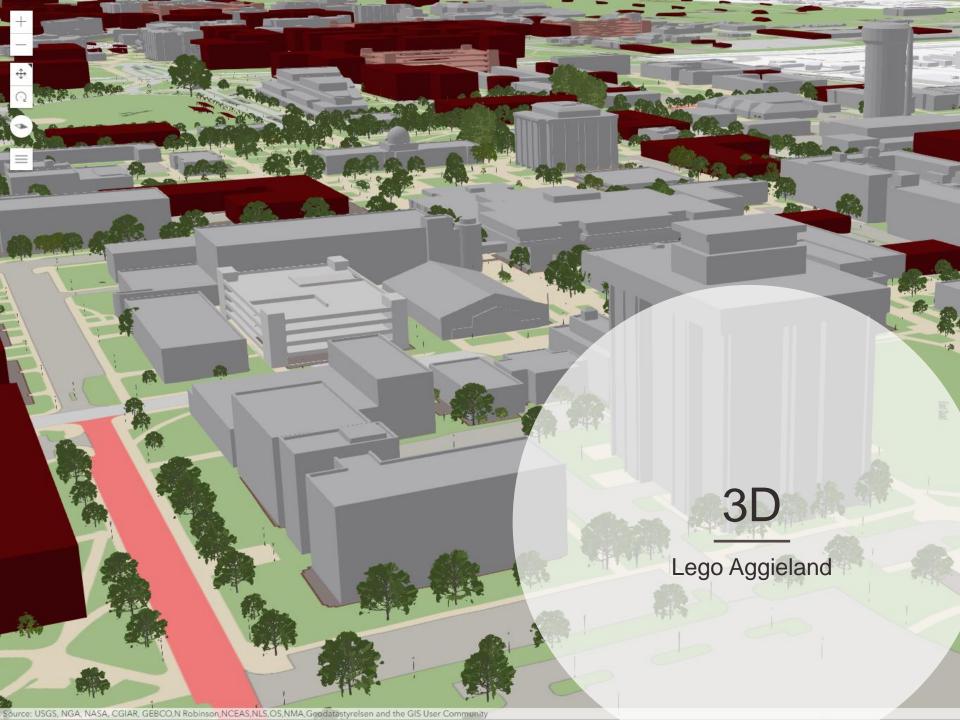
Front End

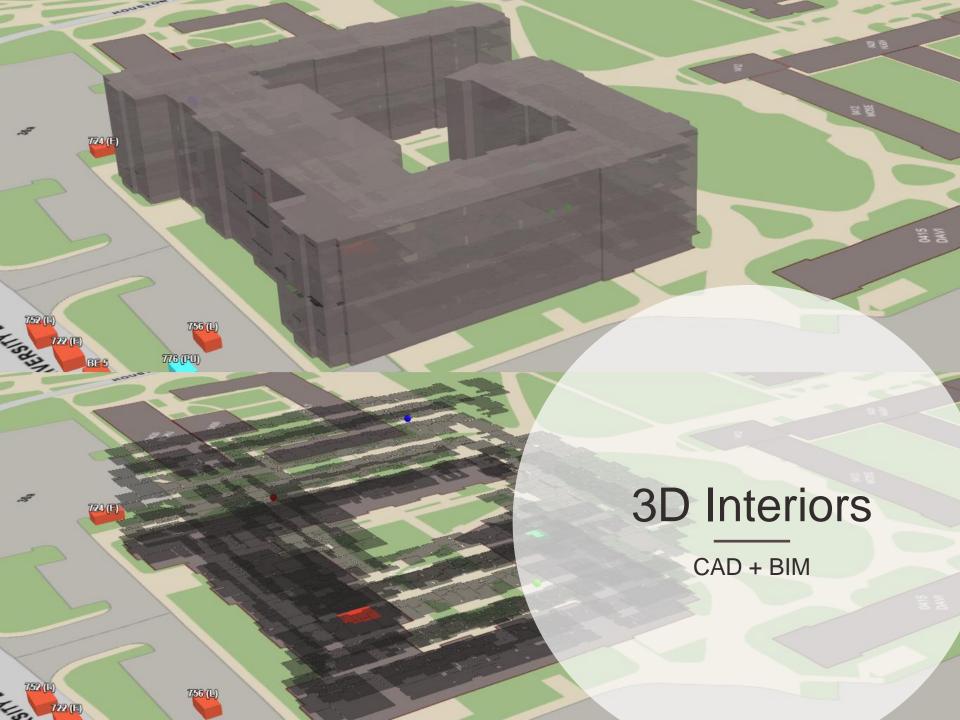
Back End







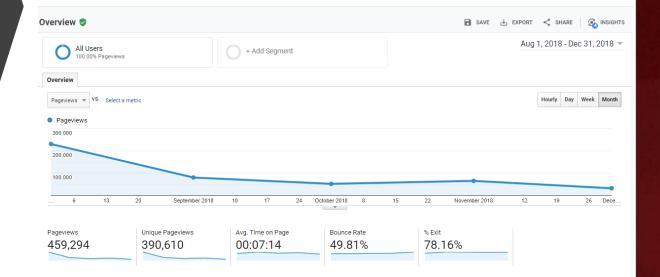






AggieMap Usage

- Pageviews through fall semester
- ~450K pageviews
- ~250K in August
- ~140K first week of class

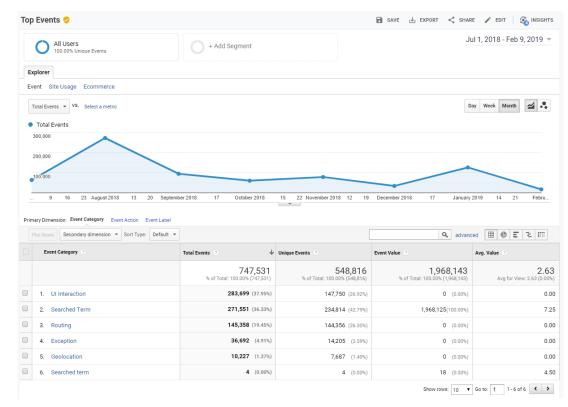




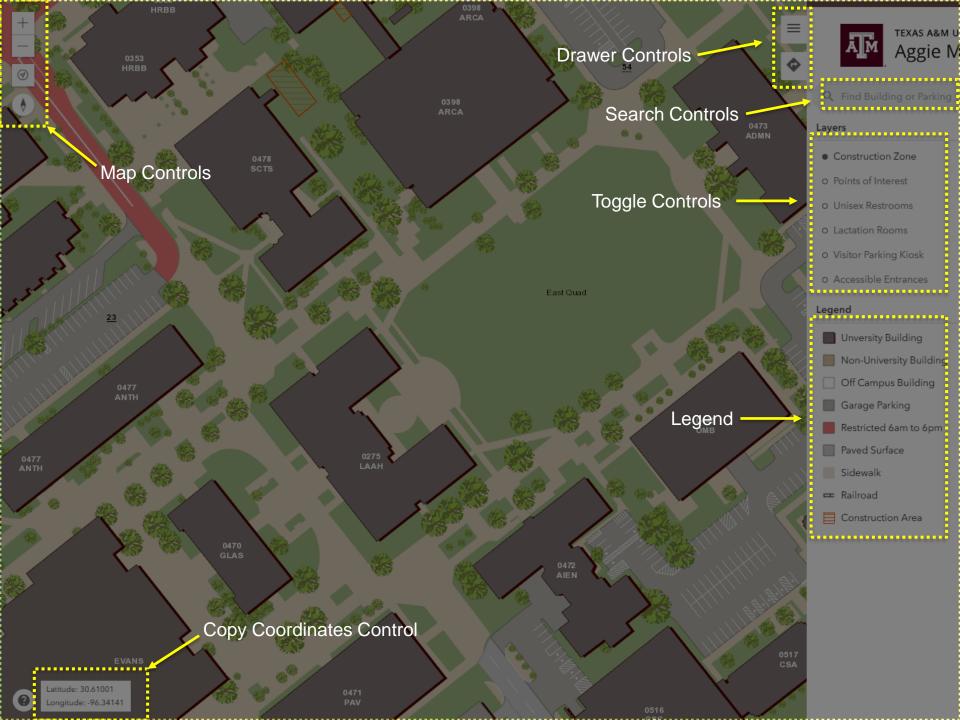
Telemetry Categories

7/2018 - 2/2019 : Now

- Searches (43%)
- UI (27%)
- Trip Planning (26%): (36%)
- Exception (2%)
- Geolocation (1%)









Limited Real Estate

Map Controls: 42%

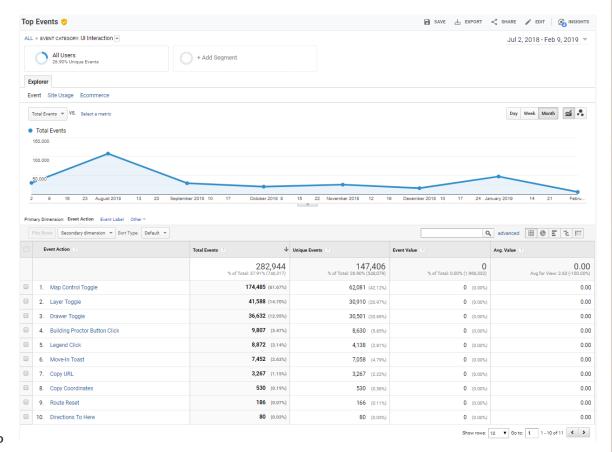
• Layers: 21%

• Drawer: 21%

Proctor: 6%

• Legend: 3%

Copy Coordinates: 0.5%



What Should Go/Stay?



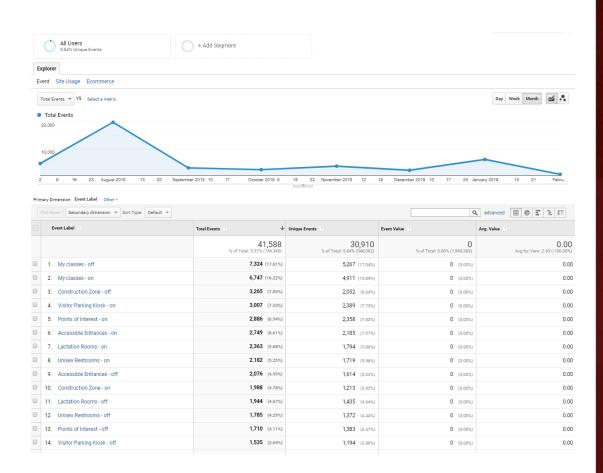
Toggle Layers

Limited Real Estate

My Classes: 17%

Parking Kiosk: 4%

What Should Go/Stay?



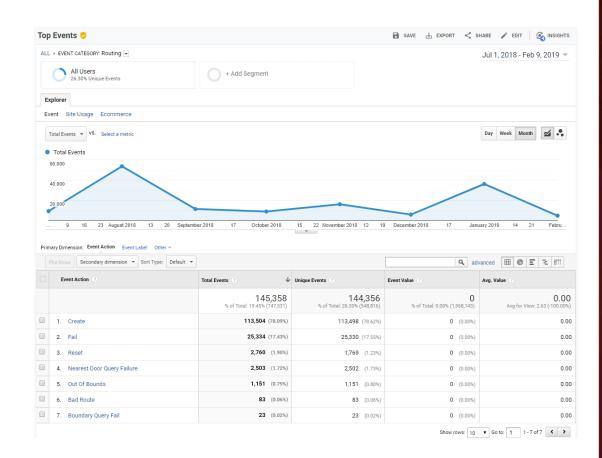


Trip Planning

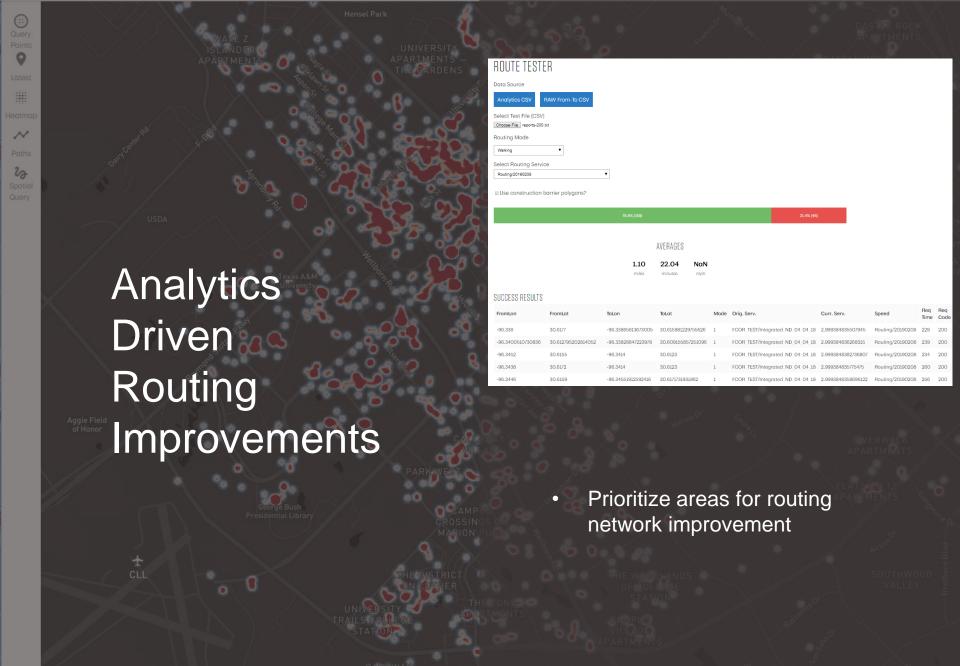
Success (78%): (92%)

Fail (18%): (4%)

Where/What to fix?







● mapbox

Maphox @ OpenS

Routing Telemetry

- Start: GPS
- End:
 - Kyle: Directions to Here
 - Building #: Centroid
 - Centroid: Nearest Door

```
1 * [{
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        "value": {
 3 ₹
            "latitude": 30.616789952362602,
            "longitude": -96.3364634997989
7 + }, {
        "type": "directions-to-here",
 8
        "value": {
 9 +
            "key": "",
10
            "searchTerm": "0367 KYLE"
12
13 🕶
        "transformations": [{
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14
15 ▼
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17
                "longitude": -96.3405
18
19 ▼
        }, {
            "type": "nearest-door",
20
            "value": {
21 +
22
                "latitude": 30.611222474833355,
                "longitude": -96.34002809189869
24
        }]
26 }]
```



We Are Seeking Partnerships



1

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We got data.



Example Questions

Travel mode utilization?

Where are people going?

Most popular areas to travel?

Do people follow routes?





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