Mapping

Ben Sullins
bensullins.com
@bensullins

pluralsight
hardcore dev and IT training

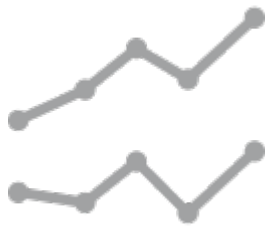# Course Outline

The Basics

Working with Data

Mapping

Basic Charting

**Enhancing
Your Viz**

**Pulling it
All Together**

Overview

- **GeoJSON**

- **Drawing Maps**

- **Adding Color**

- **Adding Points**

GeoJSON

GeoJSON

Sample

```
{ "type": "FeatureCollection",
  "features": [ {
  "type": "Feature",
  "geometry": {
          "type": "Polygon",
          "coordinates": [ [
             [100.0, 0.0],
             [101.0, 0.0],
             [101.0, 1.0],
             [100.0, 1.0],
             [100.0, 0.0]
          ] ]
     }
```

Output

```
<path
d="M435.3665895581248,62.801
78753512382L435.386128358943
04,62.7…666796,81.2365700051
622L421.5429846075044,81.2669
5074603879Z"></path>
```

Drawing Maps

Adding Color

Adding Points

Reference

GeoJSON Spec - http://geojson.org/geojson-spec.html

US Census Shape Files - http://www.census.gov/geo/maps-data/data/tiger-cart-boundary.html

GeoJSON Converter - http://converter.mygeodata.eu/vector

Color Brewer - http://colorbrewer2.org/

Summary

- **GeoJSON**

- **Drawing Maps**

- **Adding Color**

- **Adding Points**