Choropleth of discrete variables

Choropleth of discrete variables

Legends in {leaflet} maps

{leaflet} provides four different kinds of legend which all use the same format.

Discrete/categorical variables:

- `colorFactor()`

Continuous variables:

- `colorBin()`

- `colorNumeric()`

- `colorQuantile()`

Legends in {leaflet} maps

There are 3 steps to adding legends to {leaflet}:

1. Create the color palette

```r
pal_for_map <- colorFactor("palette", your_data$choropleth_variable)
```

2. Use the palette function to change the `fillColor`

```r
addPolygons(fillColor = ~pal_for_map(choropleth_variable))
```
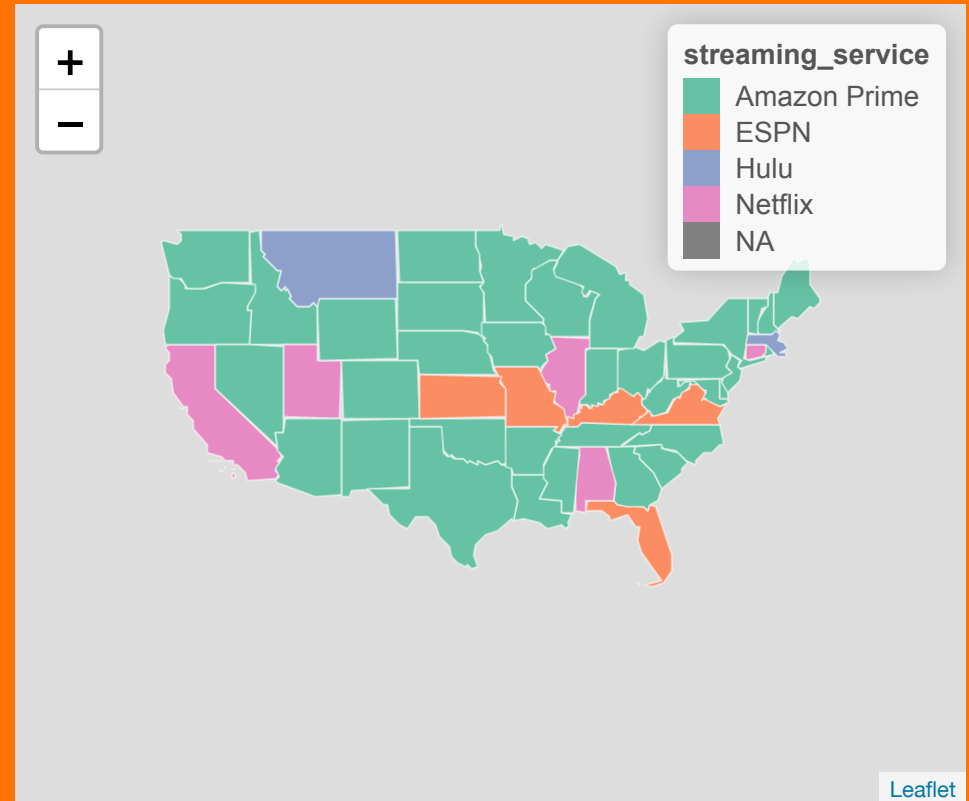
3. Add the legend to the chart

```r
addLegend(pal = pal_for_map,
          values = ~choropleth_variable)
```

My turn

I'm going to work on improving this chart in three ways:

- Ordering the legend from most to least popular streaming service

- Picking alternative color palettes

- Specifying custom (manual) color palettes

Your turn

Use the `your-turn.R` script in `03_06` to make this map.

- Use the custom colors.

- Ensure the guide is ordered by size of region.

- Add a title to the guide.