

## *SOC 4650/5650: Lecture 10 Functions*

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### *Packages*

- leaflet
- sf

### *Check Coordinate System*

```
sf::st_crs(data)
```

### *Change Coordinate System*

```
sf::st_transform(data, crs = epsg)
```

### *Create Geometry Column*

```
sf::st_as_sf(data, coords = c("x", "y"), crs = epsg)
```

### *Previewing Projected Data (Review from Lecture 01)*

#### *Create Map*

```
leaflet::leaflet()
```

#### *Add Open Street Map Base*

```
leaflet::addTiles()
```

#### *Add Markers from Data*

```
leaflet::addMarkers(data = data)
```