

Activity 3: Visualize Geospatial Data

1. Data

(1) R libraries: “mapdata”, “maps”

(2) Online source: https://www.florida-demographics.com/counties_by_population

(3) A csv file contains Florida counties' populations data extracted from the above URL.

2. Analysis:

Find out which Florida county has the maximum population.

```
> county_max_population <- unique(fl_county_population[fl_county_population$population == max(fl_county_population$population), ]$subregion)
```

```
> county_max_population
```

```
[1] "miami-dade"
```

3. Visualization:

From the below figure we could see that Miami-dade county has the lightest blue color, which indicates it has the maximum population among all Florida counties.

