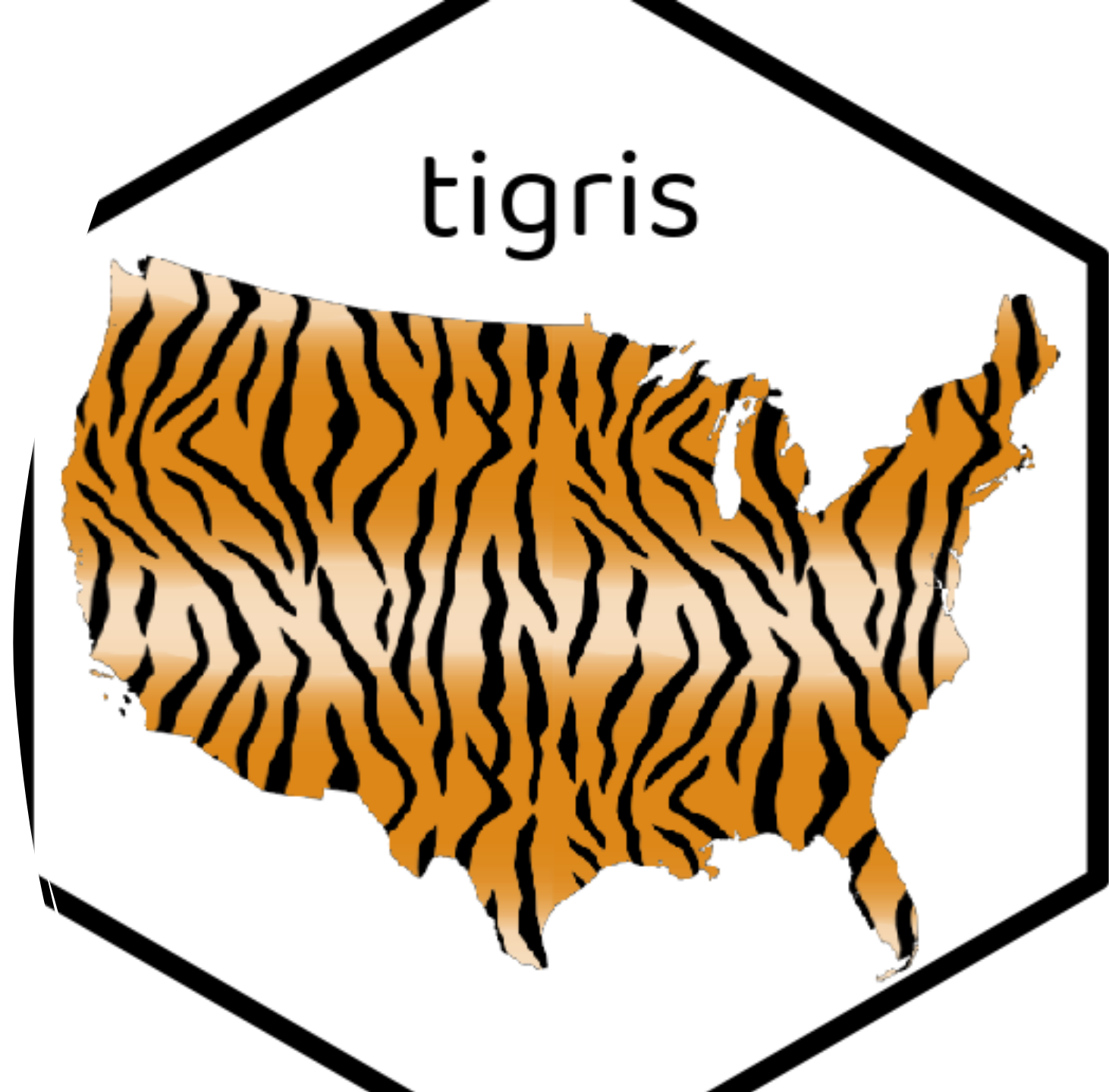


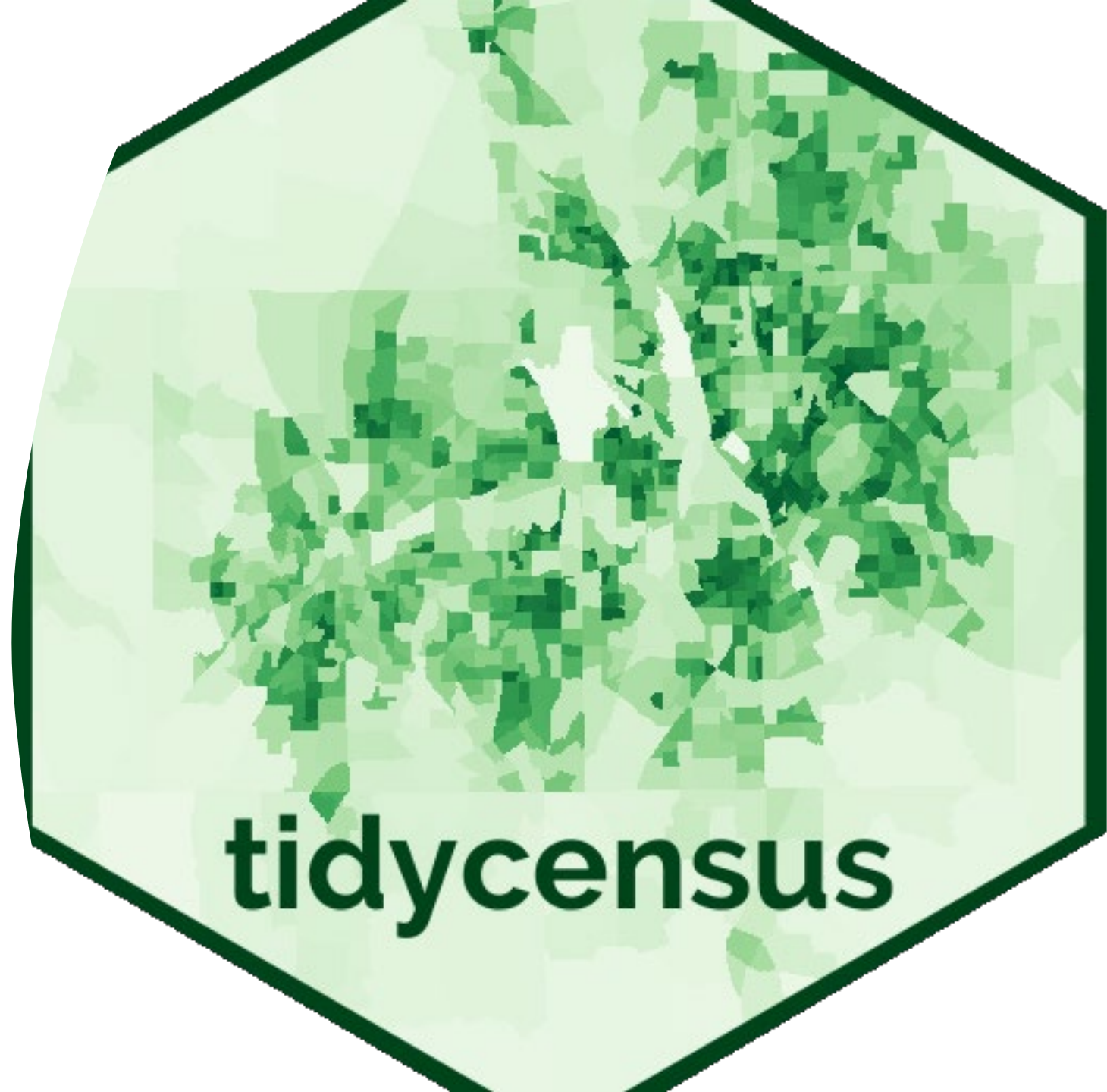
Tigris

October 19th, 2023



Tidycensus

- **tidycensus** is an R package that allows users to interface with a select number of the US Census Bureau's data APIs and return tidyverse-ready data frames, optionally with simple feature geometry included.
- **tidycensus** is designed to help R users get Census data that is pre-prepared for exploration within the **tidyverse**, and optionally spatially with **sf**.
- [Basic usage of tidycensus • tidycensus \(walker-data.com\)](https://walker-data.com)



Tigris

- [tigris](#) is an R package that allows users to directly download and use [TIGER/Line shapefiles](#) from the US Census Bureau.
- **tigris** functions return [simple features objects](#) with a default year of 2021.
- Available datasets:

nation()	tracts()	school_districts()	area_water()	metro_divisions()	primary_secondary_roads()	tribal_block_groups()
divisions()	block_groups()	zctas()	linear_water()	new_england()	roads()	tribal_census_tracts()
regions()	blocks()	congressional_districts()	coastline()	county_subdivisions()	rails()	tribal_subdivisions_national()
states()	places()	state_legislative_districts()	core_based_statistical_areas()	urban_areas()	native_areas()	landmarks()
counties()	pumas()	voting_districts()	combined_statistical_areas()	primary_roads()	alaska_native_regional_corporations()	military()

- Python users may also be interested in [pygris](#), a Python port of the tigris package.

Resources

- Tidycensus Book: [Preface | Analyzing US Census Data \(walker-data.com\)](#)
- Workshop Materials: [GitHub - walkerke/umich-workshop-2023: Materials for ACS workshops given at SSDAN / University of Michigan in 2023](#)
- Tidycensus: [GitHub - walkerke/tidycensus: Load US Census boundary and attribute data as 'tidyverse' and 'sf'-ready data frames in R](#)
- Tigris: [GitHub - walkerke/tigris: Download and use Census TIGER/Line shapefiles in R](#)
- Census API key: [Key Signup \(census.gov\)](#)