tidycensus Demo

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Contents

Step 1 - Get The Census Data

The first step in my analysis is X, Y, Z. We're going to pull blah blah blah blah.

```
acs_vars_2019 <- load_variables(2019, "acs5/profile")
```

```
broadband_county_data <- get_acs(geography = "county",
                           geometry = TRUE,
                           shift_geo = TRUE,
                           variable = "DP02_0153P")

broadband_state_data <- get_acs(geography = "state",
                           geometry = TRUE,
                           shift_geo = TRUE,
                           variable = "DP02_0153P")
```

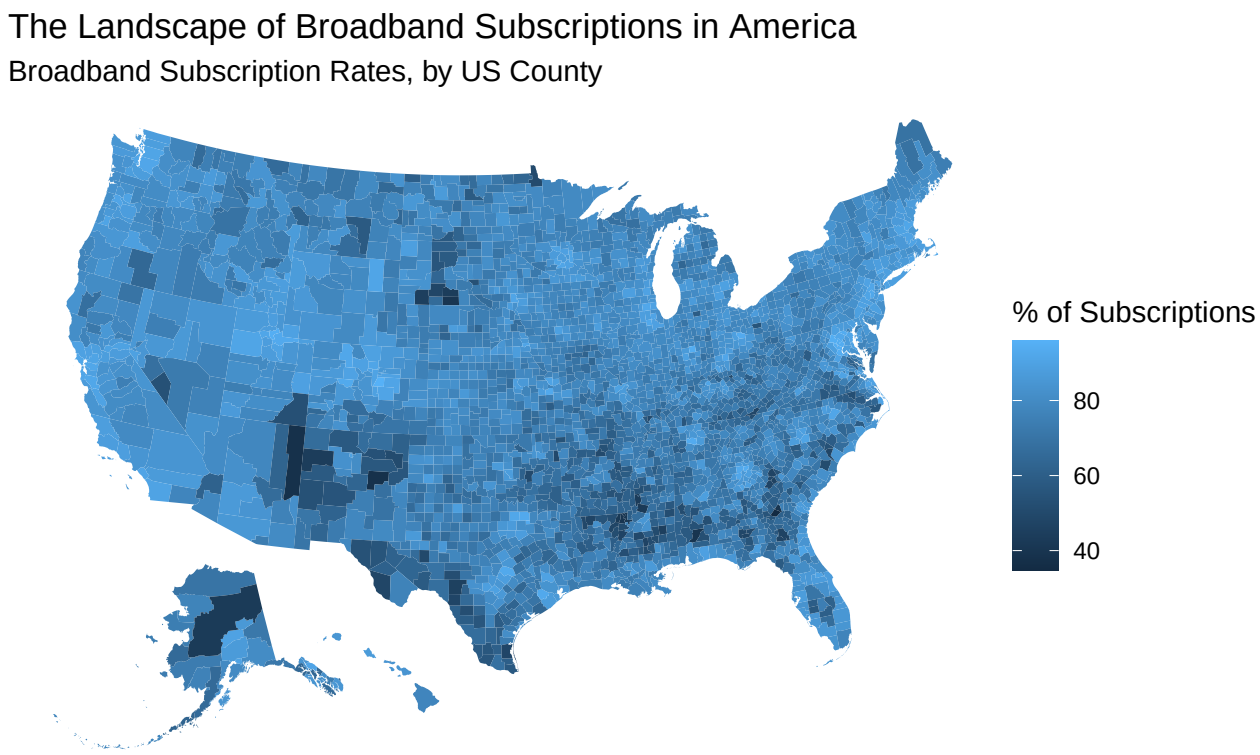
Step 2 - Transform The Data

```
broadband_tx_data <- broadband_county_data |>
  filter(str_detect(NAME, "Texas")) |>
  filter(GEOID != "29215",
         GEOID != "40139")
```

Step 3 - Draw Some Maps or Charts

```
broadband_county_data |>
  ggplot() +
  aes(fill=estimate) +
```

```
  geom_sf(color = NA) +
  theme_void() +
  labs(title = "The Landscape of Broadband Subscriptions in America",
       subtitle = "Broadband Subscription Rates, by US County",
       caption = "Source: American Community Survey, Profile Tables, 2015-2019 | Variable: DP02_0153P",
       fill = "% of Subscriptions")
```




```
ggsave("us_county_map_broadband.png", dpi = 200, width = 8, height = 6)
```