

Nora's R

2023-01-27

Assignment 3.2.2

```
library(ggplot2)
library(ggthemes)
library(viridis)
```

```
## Loading required package: viridisLite
```

```
library(hrbthemes)
```

```
## NOTE: Either Arial Narrow or Roboto Condensed fonts are required to use these themes.
```

```
## Please use hrbthemes::import_roboto_condensed() to install Roboto Condensed and
```

```
## if Arial Narrow is not on your system, please see https://bit.ly/arialnarrow
```

```
make_art <- function(seed){
  set.seed(seed)
  temp <- rnorm(15, 50, 1)
  month <- c(rep("J", 5), rep("F", 5), rep("M", 5))
  basic <- data.frame(temp, month)
  ggplot(basic, aes(x = temp, y = month)) +
    geom_density_ridges_gradient(scale = 3, rel_min_height = 0.01) +
    scale_fill_viridis(option = "C") +
    theme(legend.position="none",
          axis.title.x = element_blank(),
          axis.title.y = element_blank(),
          axis.text.x = element_blank(),
          axis.text.y = element_blank(),
          line = element_blank(),
          panel.background = element_rect(fill = "pink"))
}

make_art(123)
```

```
## Picking joint bandwidth of 0.292
```

