

Race and Age vs. NMU

```
source("two_var_relationship.R")

## -- Attaching packages ----- tidyverse 1.3.1 --

## v ggplot2 3.3.3      v purrr  0.3.4
## v tibble  3.1.1      v dplyr  1.0.5
## v tidyr   1.1.3      v stringr 1.4.0
## v readr   1.4.0      v forcats 0.5.1

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

race_age <- two_var_relationship("DEM_AGE10", "DEM_RACE")

## 'summarise()' has grouped output by 'var1'. You can override using the '.groups' argument.

for (i in seq_along(race_age)) {
  cor_heatmap <- ggplot(data = race_age[[i]], aes(x = DEM_AGE10, y = DEM_RACE, fill = NMU)) +
    geom_tile()
  cor_heatmap <- cor_heatmap +
    scale_fill_gradient2(low = "white", high = "darkred", space = "Lab", name="Correlation") +
    theme_minimal() +
    theme(axis.text.x = element_text(angle = 45, vjust = 1, size = 12, hjust = 1)) +
    ggtitle(names(race_age)[i])
  print(cor_heatmap)
}
```
































