

Brewer Assignment 5

Arial Brewer

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Below is code for Siscowet Lake Trout length vs. age plot

```
library(tidyverse)
data <- read.csv("siscowet.csv")
siscowet <- data %>%
  ggplot(aes(x=age,y=len,
             color=sex)) +
  geom_point() +
  ylab("Total \n length \n(mm)") +
  xlab("Assigned ages (years)") +
  labs(color="Fish sex",
       title = "Siscowet Lake Trout length increases with age")+
  scale_color_viridis_d()+
  theme_minimal() +
  theme(axis.title.y = element_text(angle = 0, vjust = 0.5,size=14),
        axis.text = element_text(size=12))+
  geom_smooth(method = "lm", se = FALSE)

plot(siscowet)
```