library(ggplot2)

library(tidyverse)

# Read in the bike data

bike <- read.csv('https://raw.githubusercontent.com/IAA-Faculty/statistical\_foundations/master/bike.csv')

# Split into training and test datasets

set.seed(123)

bike <- bike %>% mutate(id = row\_number())

train <- bike %>% sample\_frac(0.7)

test <- anti\_join(bike, train, by = 'id')

# Run a multiple linear regression model with actual temperature, humidity, and windspeed

bike\_lm <- lm(cnt ~ temp + hum + windspeed, data = train)

summary(bike\_lm)

# Run a multiple linear regression model with feeling temperature, humidity, and windspeed

bike\_lm2 <- lm(cnt ~ atemp + hum + windspeed, data = train)

summary(bike\_lm2)