

# Econ 2204 Lab 2

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```
library(ggplot2)
library(dplyr)
```

Attaching package: 'dplyr'

The following objects are masked from 'package:stats':

filter, lag

The following objects are masked from 'package:base':

intersect, setdiff, setequal, union

```
# Calculate the average highway mpg for each class of vehicle
avg_mpg <- mpg %>%
  group_by(class) %>%

  summarise(avg_hwy_mpg = mean(hwy))
# Plot the average highway mpg with class on the y-axis, all bars in light blue
ggplot(avg_mpg, aes(y = class, x = avg_hwy_mpg)) +
  geom_col(fill = "lightblue") + # Set all bars to light blue
  labs(title = "Average Highway MPG by Vehicle Class",
       y = "Vehicle Class",
       x = "Average Highway MPG") +
  theme_minimal()
```

