

# Agenda

- No prepared slides today. Recap slides are very important as they highlight the differences between MLR and SLR.
- Module 6 Q & A.
- Small group discussion for guided question set 6.
- Some comments about Project 1.

# Upcoming Deadlines

- Project 1 due on Oct 16. One submission per group
  - Project 1 Group Evals via Test & Quizzes (everyone submits)
  - Remember that Project 1 covers Modules 1 to 5. There is a data visualization component and a SLR component. Do not try to fit MLR.
- HW 6 due on Oct 17.

# Project 1

- Covers modules 1 to 5. Use the tools covered in these modules for the project.
- No multiple linear regression and no categorical predictors in the regression portion.

# Module 7

- Notice limitations of  $t$  test and ANOVA  $F$  test:
  - $t$  test: drop specific predictor
  - $F$  test: drop all predictors
  - what if we want to drop more than 1 predictor but less than all?
- Multicollinearity:
  - When predictors are linearly dependent on each other
  - Consequences
  - How to identify
  - How to remedy