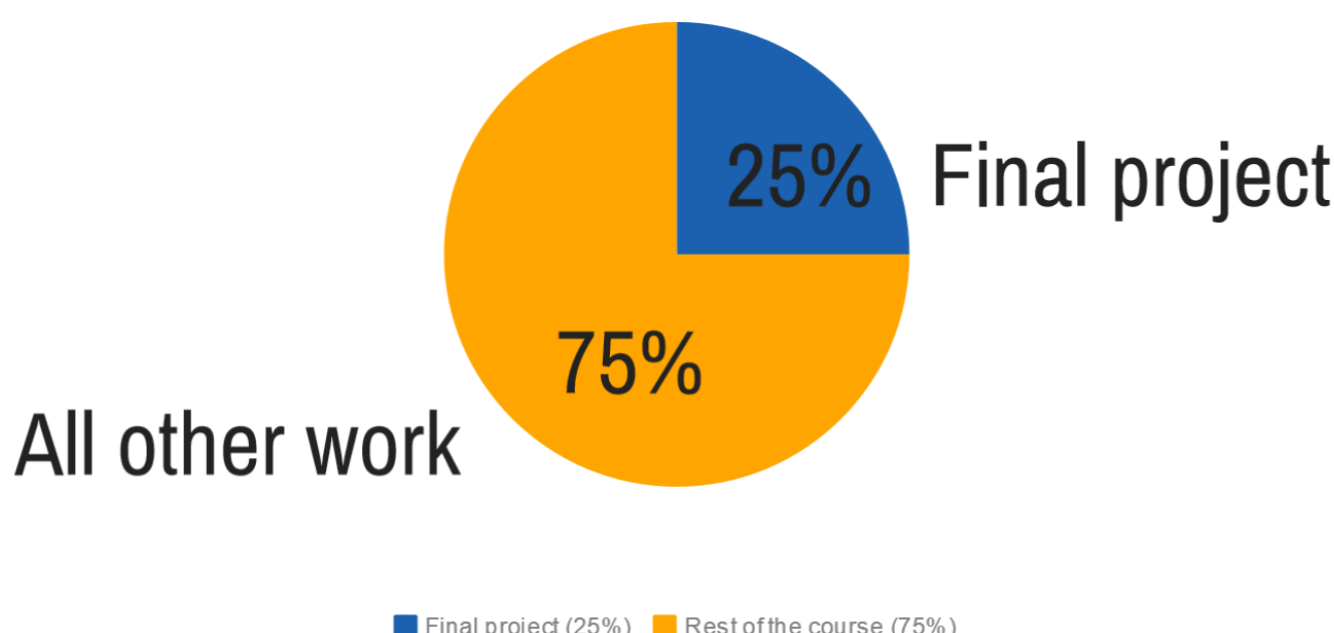


# Keys to a successful final project

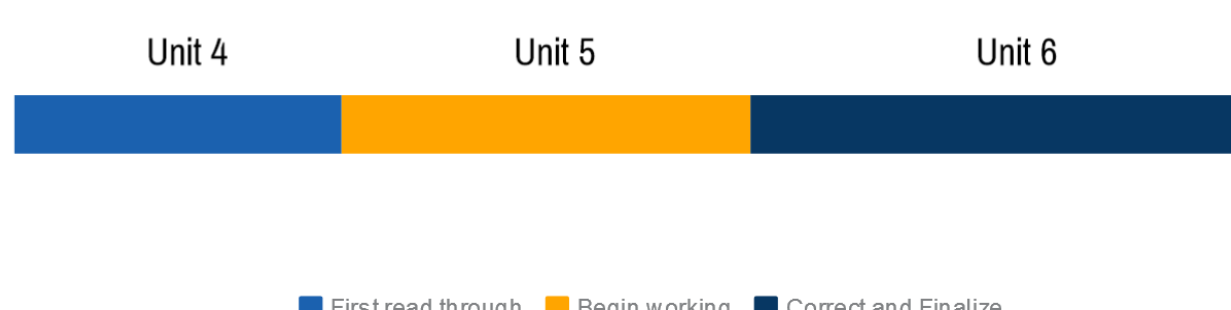
This assignment can make or break your term

Take it seriously, start early, allocate enough time.



Start working on it in Unit 5 at the latest

You will need time to get help if you need it.



## General Tips and Reminders



Format

Keep it simple and to the point. No animation or audio narration.



Showing work

You must attach the Excel file that shows your work. But all relevant information should be on the slides.



Review

Visit the math tutors. Show them where you made mistakes in your old assignments and get help going over them.



Data

Use only the data file provided. Do not download anything from the internet, or type anything in.

## Problem specific notes

All of the problems are similar to what you have done in previous units.

#1

Descriptive statistics

Similar to Unit 1 assignment, Question 2. Don't forget to **comment on what you are seeing** in the descriptive statistics table, like you did in 2c in unit 1 assignment.

#2

Charting, Trend line fitting

Similar to Unit 4 assignment, Question 3. Make sure to show the r-squared value and the formula. You will have to prepare the data, since there are multiple values for each month.

#3

Hypothesis testing

Similar to unit 3 assignment, Question 3. Be careful which data you are comparing- you need to analyze **the ratings** of shows with stars vs those without stars. The average rating is in the teens. If your averages are showing less than 1, you selected the wrong data.

#4

Regression

Similar to unit 4 assignment, Question 2. You will need to understand what each metric in the results table is telling you- the lecture video for unit 4 explains all of these in detail.