

We will start at 9:50 on the dot. Now is a great time to ask me questions if you have any.

Also, while we wait, please fill out the “Refresher Question” on Canvas!

Agenda

9:50 – 10:05

- Review the Canvas refresher question
- Start “Cat Factory” together

10:05 – 10:40

- Generating Random Data – Cat Factory

10:45 – 11:00

- Review the activity

Reviewing the Refresher Question

Other examples of probability models:

- Rolling a die (outcomes 1-6, each with $1/6$ probability)
- Drawing a card from a deck ($1/52$ probability for each card)
- Weather! (Depends on the day – e.g., 36% chance of rain)
- Pretty much anything – you can create a probability model based on observations. How long does security take at the airport? Who is going to win an election?

Generating Data – Cat Factories!

- Today we are using a probability model to generate cats (among other things)
- What you need:
 - Lab manual
 - TinkerPlots
 - Simulating Data.tp
 - Female-cat-names.tp

In your groups –

- Review my answers to questions #1 - #4 together
- Make 100% certain you do questions #5 and #6 (and ask us any questions)
- Once you are done with #6, try to work through #7 – #12
- Stretch Goal: Work through #13 - #20
- Make sure to read ALL the instructions!!

Reviewing the activity – I will post my completed TinkerPlots and Lab Manual within the next day.

I encourage you to work through this at home!