

# Presenting an Analysis

SSEP 2022 Afternoon Day 7

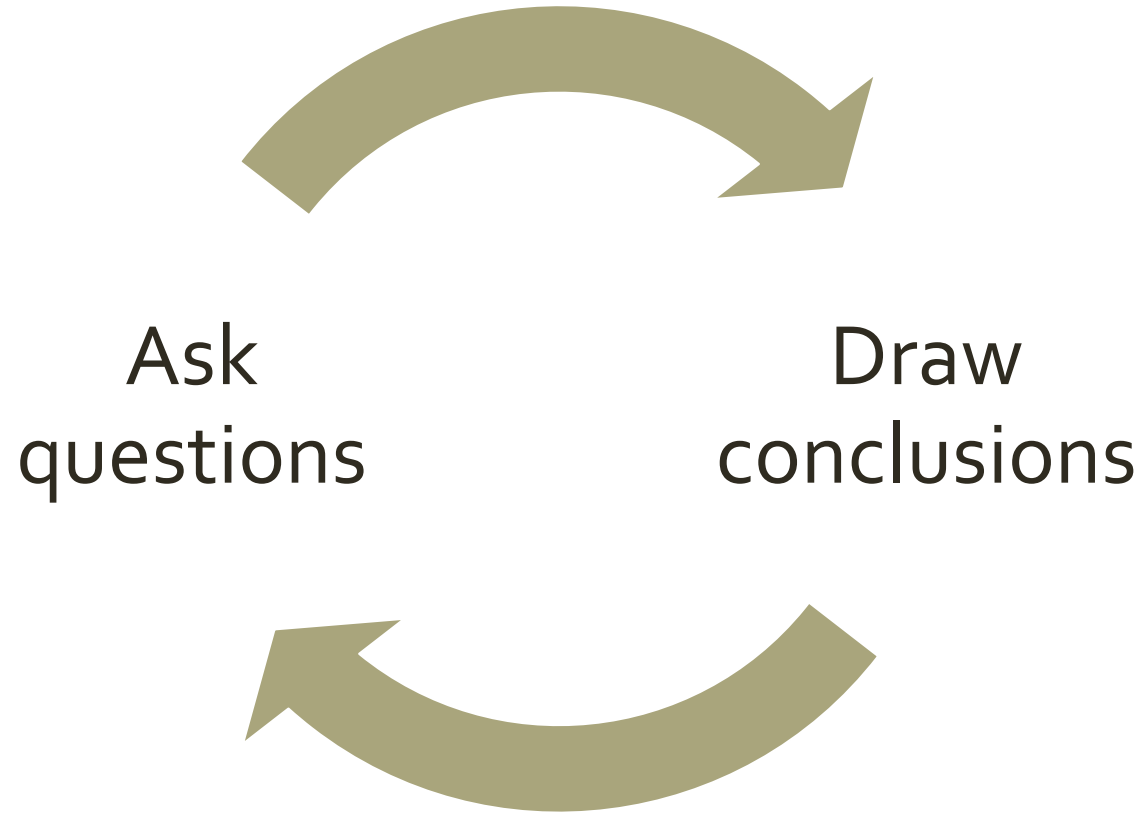
Dr. Ab Mosca (they/them)

## Sharing Analyses

- Pair with 1 – 2 classmates
- Imagine that you ran an analysis and now you want to share your results
- Brainstorm what details of the analysis you think are essential to share in order to give your audience the full picture
- Record your ideas on the Jamboard here:  
[Communicating an Analysis](#)

# Recall: Exploratory Data Analysis

1. Think critically about the data
2. Explore:



# Recall: Exploratory Data Analysis

## 1. Think critically about the data

Ask questions like:

- Who collected this data? What biases might come from this?
- What is included in this dataset? What data is missing?
- What data types am I working with?
- How clean is the data?

# Communication

## 1. Think critically about the data

Ask questions like:

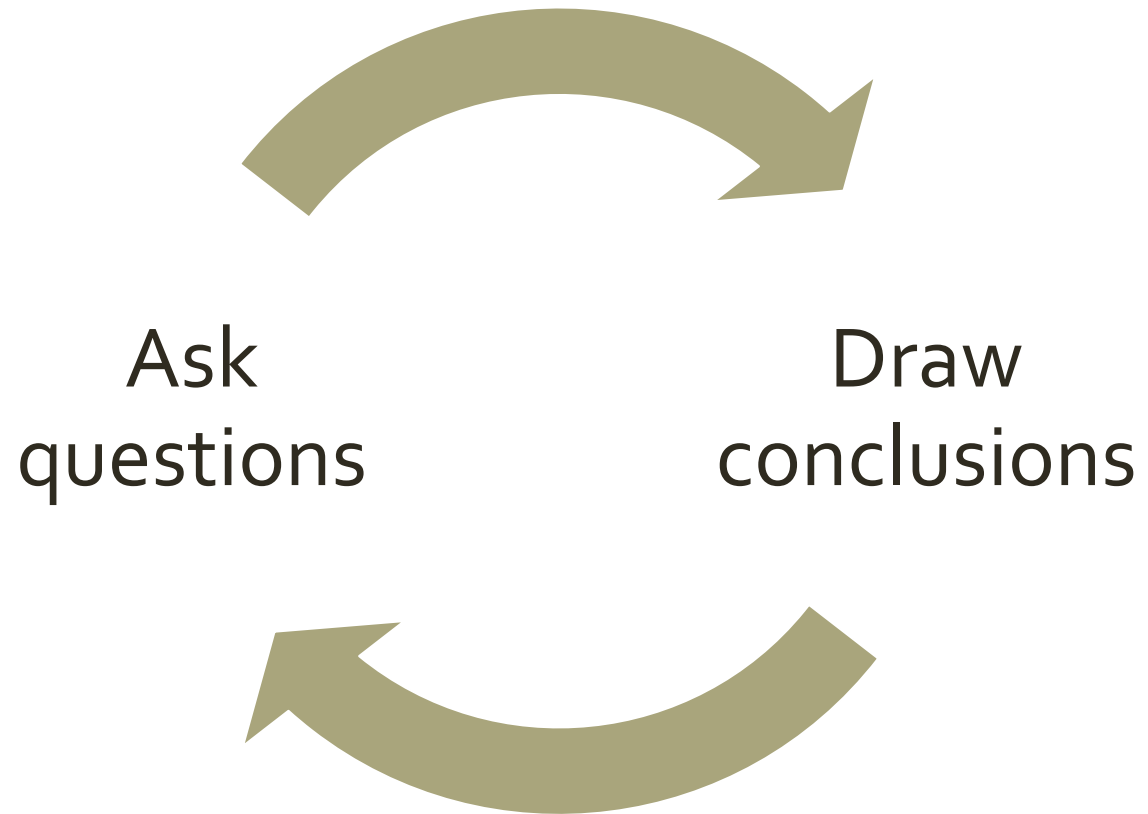
- Who collected this data? What biases might come from this?
- What is included in this dataset? What data is missing?
- What data types am I working with?
- How clean is the data?

**Your presentation should include a synopsis of:**

- Where your data is from
- Potential biases in the data
- How you cleaned the data

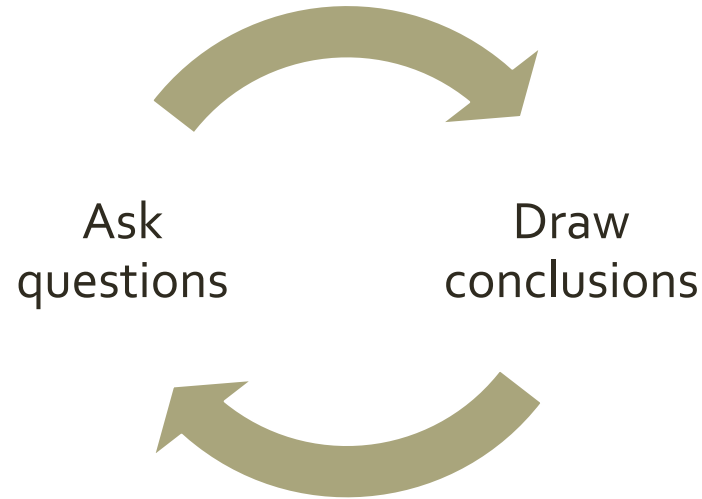
Recall:  
Exploratory  
Data Analysis

2. Explore:



# Communication

## 2. Explore:



### Your presentation should include:

- The questions you asked
- How you approached answering them
- Your conclusions

## Activity Pt. 1

~ 45 mins

- Pair with 2 – 3 classmates
- Choose a dataset from here: [datasets](#)
- Perform an (short - note the time you have!) exploratory analysis
- Remember, use R Markdown so you can record text and code!



## Activity Pt. 2

~ 25 mins

- Now, work with your group to create a presentation for your analysis
- Presentations should be ~7 mins long
- You can experiment with the Presentation option for R Markdown files, or use Google Slides

## Activity Pt. 3 ~ 25 mins

- Pair with another group
- Give your presentations to each other, and provide feedback
- Feedback should include:
  - 2 things you thought the group did well in their presentation
  - 2 things you think the group could change in their presentation to make it even better

## Activity Pt. 4

~ 10 mins

- Based on the feedback you received, work with your group to update your presentation as you see fit!

## Activity Pt. 5

- Share your presentation with the class!