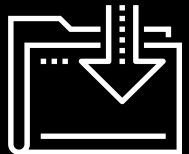




# Presentation Best Practices and Preparing for Technical Issues

Data Boot Camp  
Lesson 20-4.1



# The Big Picture





## **Quick Tip for Success:**

If you're getting stuck, think through the issues out loud, lean on your teammates, and ask questions!

# Project Segments

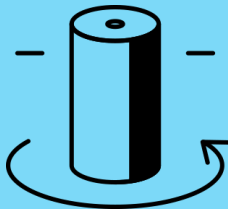
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## This Week: “Put It All Together”



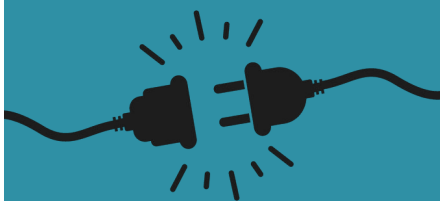
### Sketch It Out

Decide on your overall project, select your question, and build a simple model. You'll connect the model to a fabricated database using comma-separated values (CSV) or JavaScript Object Notation (JSON) files to prototype your idea.



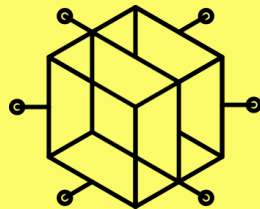
### Build the Pieces

Train your model, and build out the database you'll use for your final presentation.



### Plug It In

Connect your final database to your model, continue to train your model, and create your dashboard and presentation.



### Put It All Together

Put the final touches on your model, database, and dashboard. Lastly, create your final presentation and deliver it to the class.

# This Segment: Capstone Project

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By the end of this segment, you will have:



Wrapped up tasks in your individual roles



Tidied up the final README.md in the project repository



Merged, discarded, or deleted any outstanding PRs



Completed an editorial sweep for quality control

Module 20

# Today's Agenda

# Today's Agenda

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By completing today's activities, you'll...

01

Understand the best practices to create and deliver a presentation

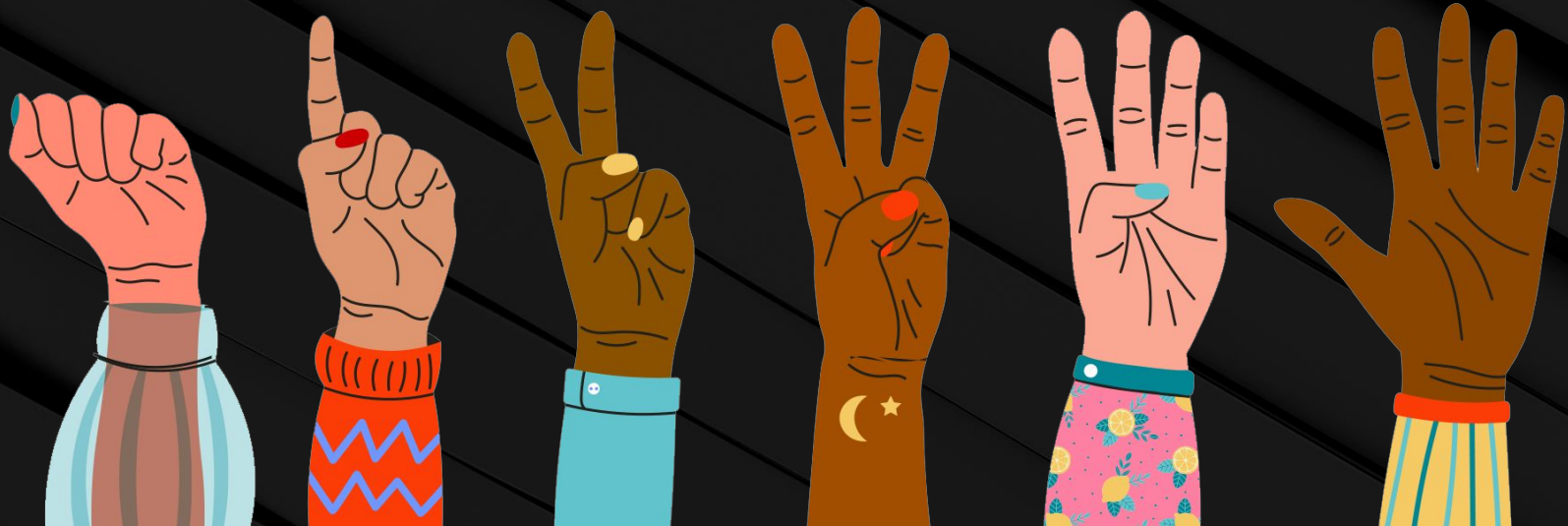


Make sure you've downloaded  
any relevant class files!

## FIST TO FIVE:

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How are you feeling about your progress on the final project so far?







**Is your team comfortable  
with presenting the project?**



# Presentation Tips and Tricks

**Suggested Time:**  
20 Minutes





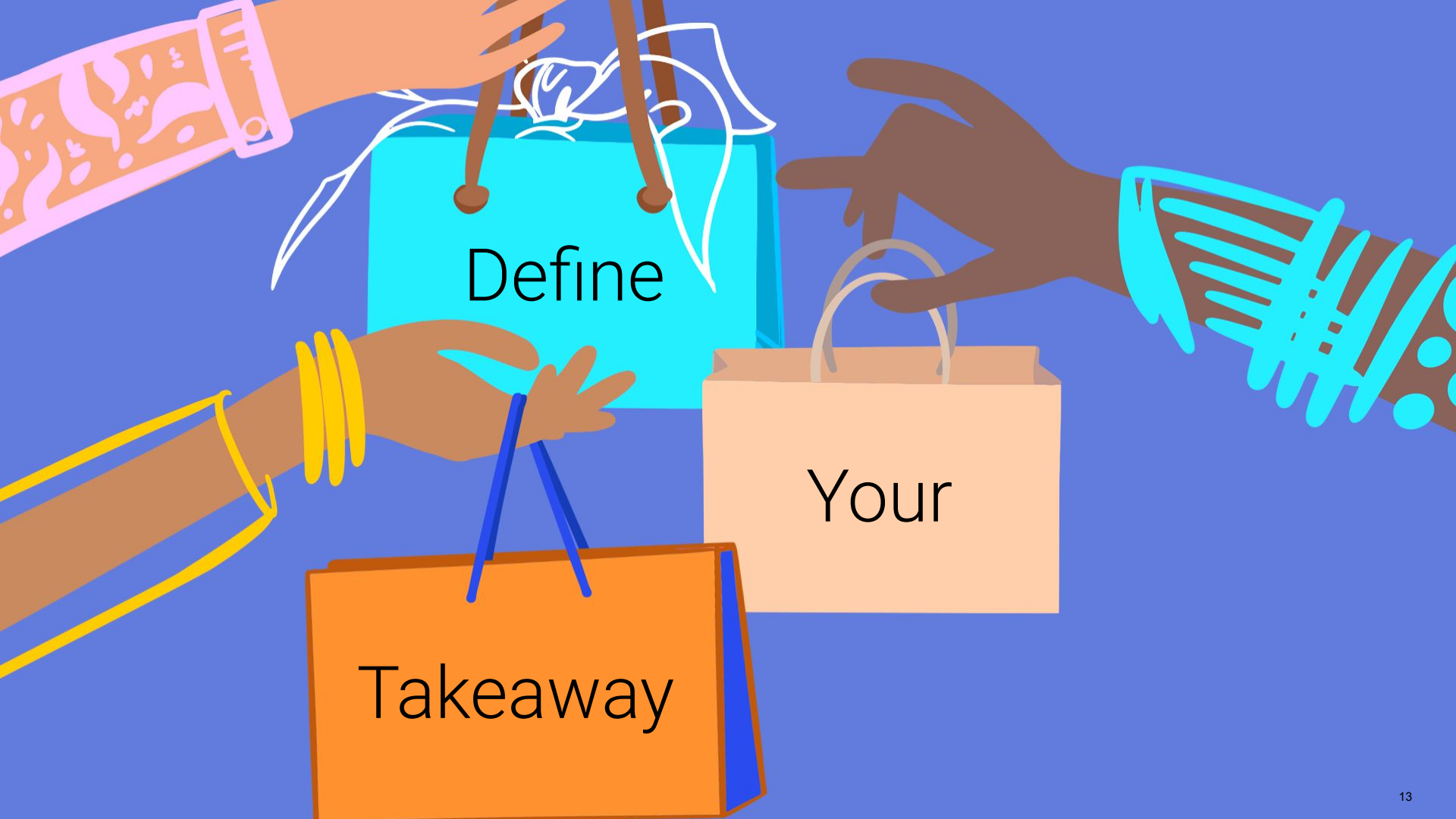
Know Your  
Audience

# Know Your Audience

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No presentation is one-size-fits-all. Tailor your presentation to your audience.

- What is the technical background of your audience?
  - This will tell you how in depth your analysis should be.
- How much initial knowledge do they have on the subject?
  - You don't want to condescend with basic information to an informed audience ...
  - But you don't want to lose an audience that is unfamiliar with the subject.
- What are they expecting from this presentation?



Define

Your

Takeaway

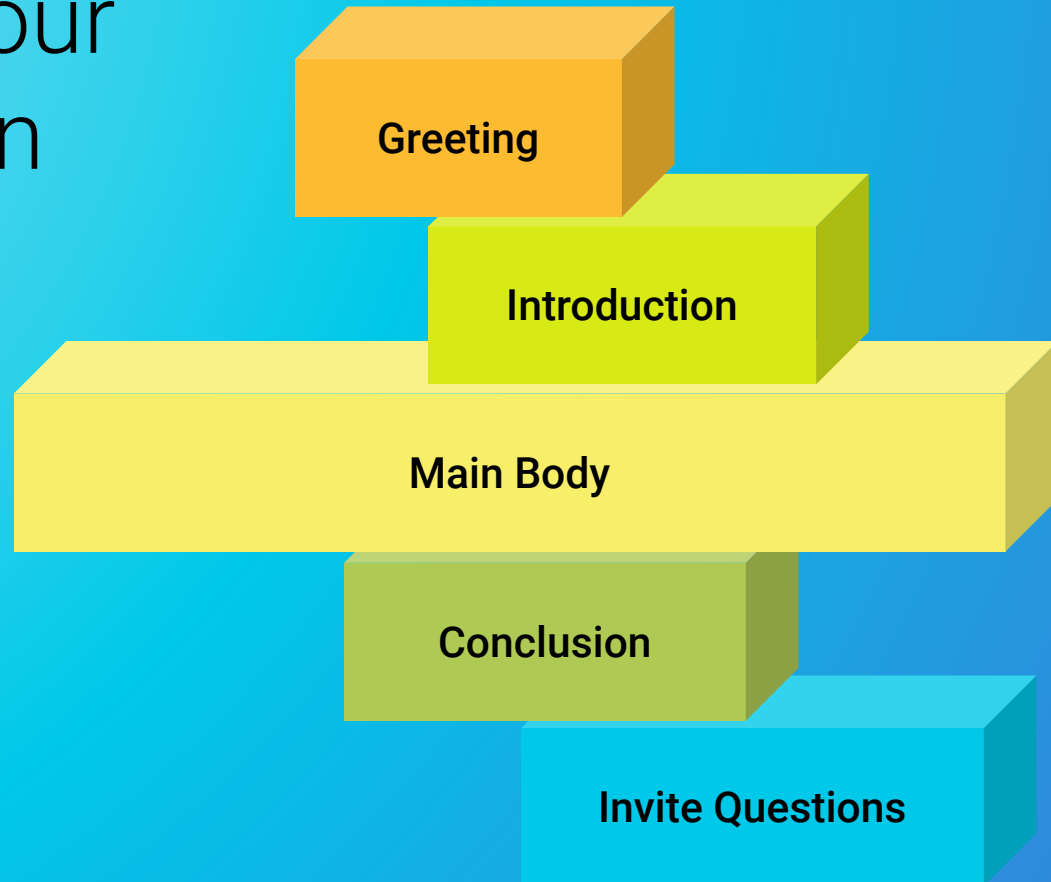
# Define Your Takeaway

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What do you want your audience to walk away with—in one sentence?

- Defining your takeaway distills your presentation down to its essence.
- Everything in your presentation should work toward delivering the takeaway.
- Remove or rework any parts that distract from the takeaway message.
- Even when things are working to help the takeaway, ask yourself if they could help even more.

# Structure Your Presentation



# Structure Your Presentation

Transitions will help the audience follow along.

- Moving from the introduction
  - “First, let’s begin with...”
  - “I will first cover...”
  - “To get started, let’s look at...”
- Shifting between similar points
  - “Likewise...”
  - “Equally...”
  - “Similarly...”
- Summarize, and move to new points
  - “So far, we’ve covered XYZ; now I’d like to look at ABC”

Greeting

Introduction

Main Body

Conclusion

Invite Questions

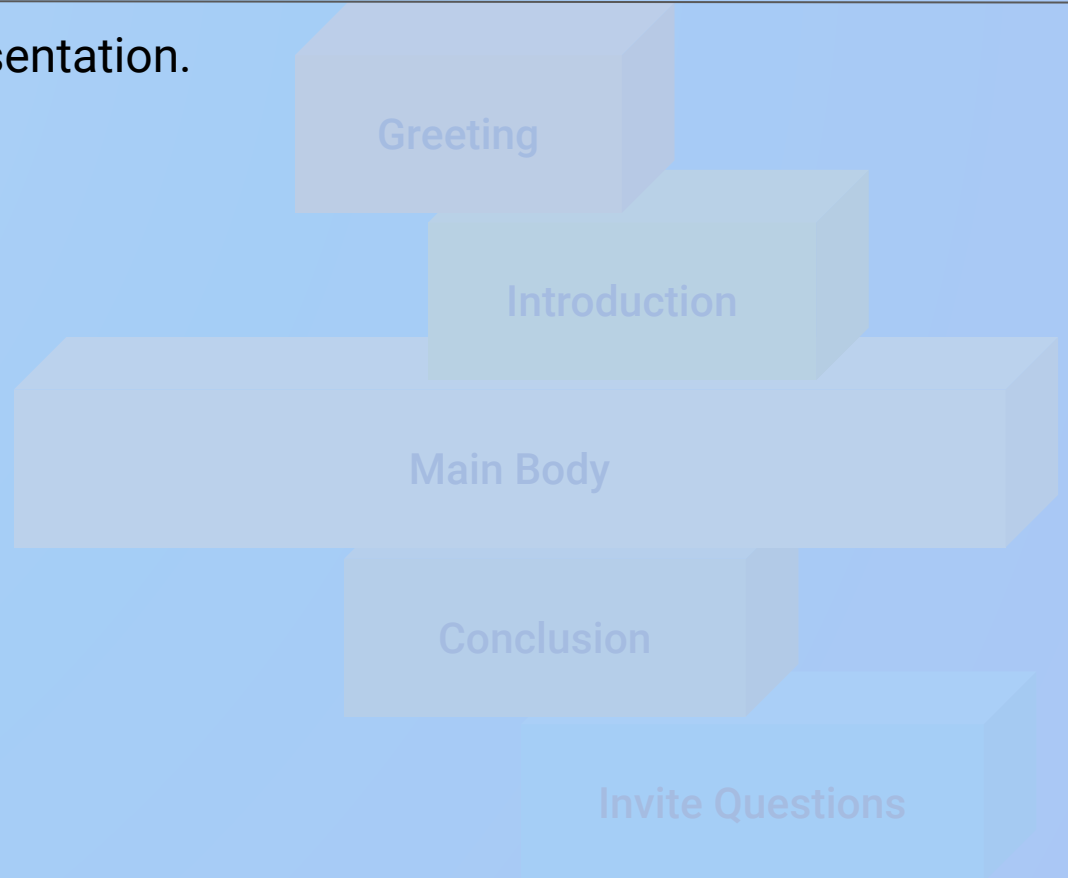


# Structure Your Presentation *continued*

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Outline the structure of your presentation.

- Greeting
- Introduction
- Main Body
- Conclusion
- Invite Questions



Practice!



# Practice!

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Know what you want to say, and practice saying it.

- Rehearse your presentation
- Time yourself
- Record yourself
- Make a plan for anything you're nervous about

# Engage Your Audience



# Engage Your Audience

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Make it personal.

- Tell a story
- Use humor
- Share your interest in the topic
- Ask your audience questions during the presentation

# Engage Your Audience *continued*

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Make it clear.

- Define unfamiliar terms
- Use concrete examples
- Use analogies to explain unfamiliar elements
- Use previews and summaries



## Preparing for Technical Issues

**Suggested Time:**  
25 Minutes



# Preparing for Technical Issues

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Problem	Potential Solutions
Hardware Failure	Save copies of presentation to another computer or cloud-based storage
Notes saved in slides, but only able to share on-slide content	Print out hard copies of slides
Relying on Live Demo, but underlying data changes	Create a “dummy” version relying on static data
Relying on Live Demo, but demo fails/gets corrupted	Pre-record video demoing functionality





Time to Code

# Project Development Consultation

Suggested Time:

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60 minutes