



Technical Communication Overview

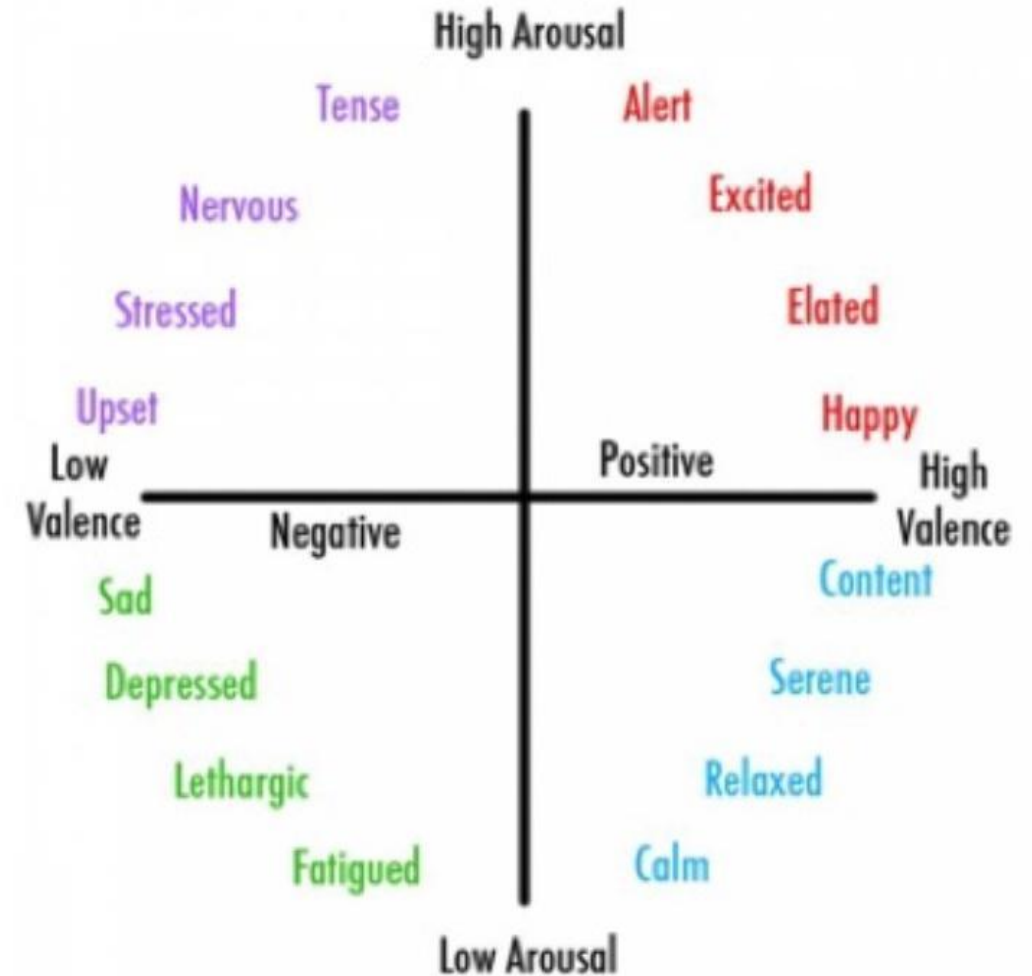
Dr. Sarah Egan Warren, Class of 2024

Technical Communication Check In

Please complete a quick [Communication Check In](#) activity.

WHY?

1. I want to know how you are.
2. It can help you build resilience and grit.
[Why Naming Your Emotions Can Increase Happiness and Performance](#)
3. Tracking trends can inform changes to our curriculum.



Agenda

Mission

Big Picture

SWOT

Mission

Institute's Mission

To produce the world's finest practitioners of analytics

Tech Comm Team's Mission


Develop and/or hone ethical storytelling (technical writing and speaking) skills needed to successfully communicate with audiences in the MSA program and in future careers

Technical Communication Team

Dr. Sarah Egan Warren

Kate Connor—*starting July 3*

Hiya Bandyopadhyay—*starting in Fall*



Sarah Egan Warren
Audience-focused Teaching Assistant Professor, Speaker, and Curator
Apex, North Carolina, United States · 500+ connections

[Join to connect](#)

About
Teacher | Speaker | Curator
I teach ethical technical and professional writing and speaking skills to students, faculty, staff, and professionals.
Storytelling with Data | Audience Analysis | Presentation Skills (virtual, hybrid, in-person) | Persuasion | Feedback.

[Institute for Advanced Analytics](#)
[North Carolina State University](#)

INSTITUTE FOR ADVANCED ANALYTICS

Communication Consultation

Powered by [OncoHub](#)

Pick a date and time
Duration: 20 minutes
Your time zone: United States, Eastern time (GMT-4:00) (DST) [\[Change\]](#)

June 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

[May](#) [July](#)

Available starting times for Tue, Jun 21, 2022

AM	PM
8:00 AM	12:00 PM
8:05 AM	12:05 PM
8:10 AM	12:10 PM
8:15 AM	12:15 PM
8:20 AM	12:20 PM
8:25 AM	12:25 PM
8:30 AM	12:30 PM
8:35 AM	12:35 PM
8:40 AM	12:40 PM
8:45 AM	12:45 PM
8:50 AM	12:50 PM
8:55 AM	12:55 PM
9:00 AM	1:00 PM
9:05 AM	1:05 PM

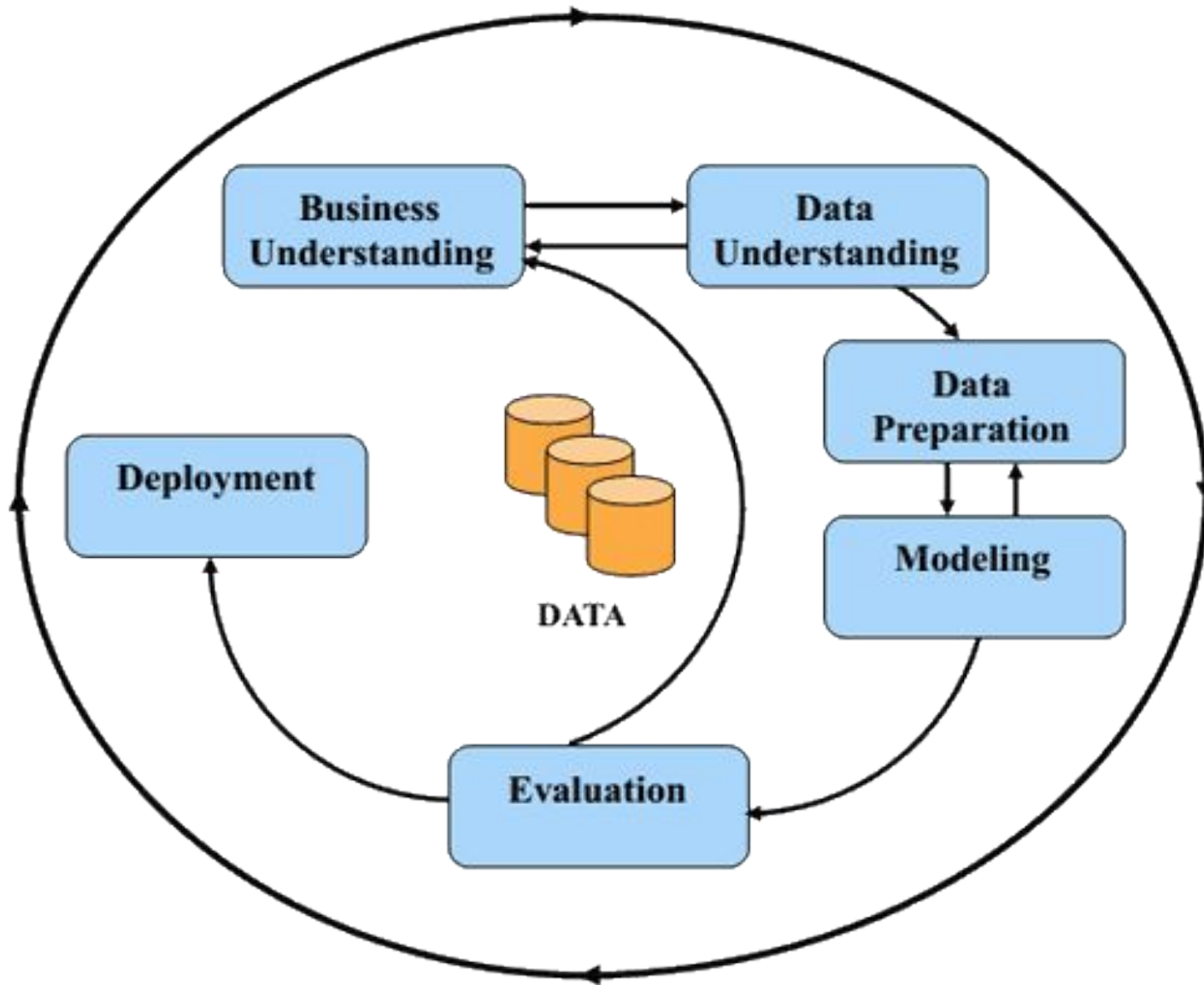
Big Picture



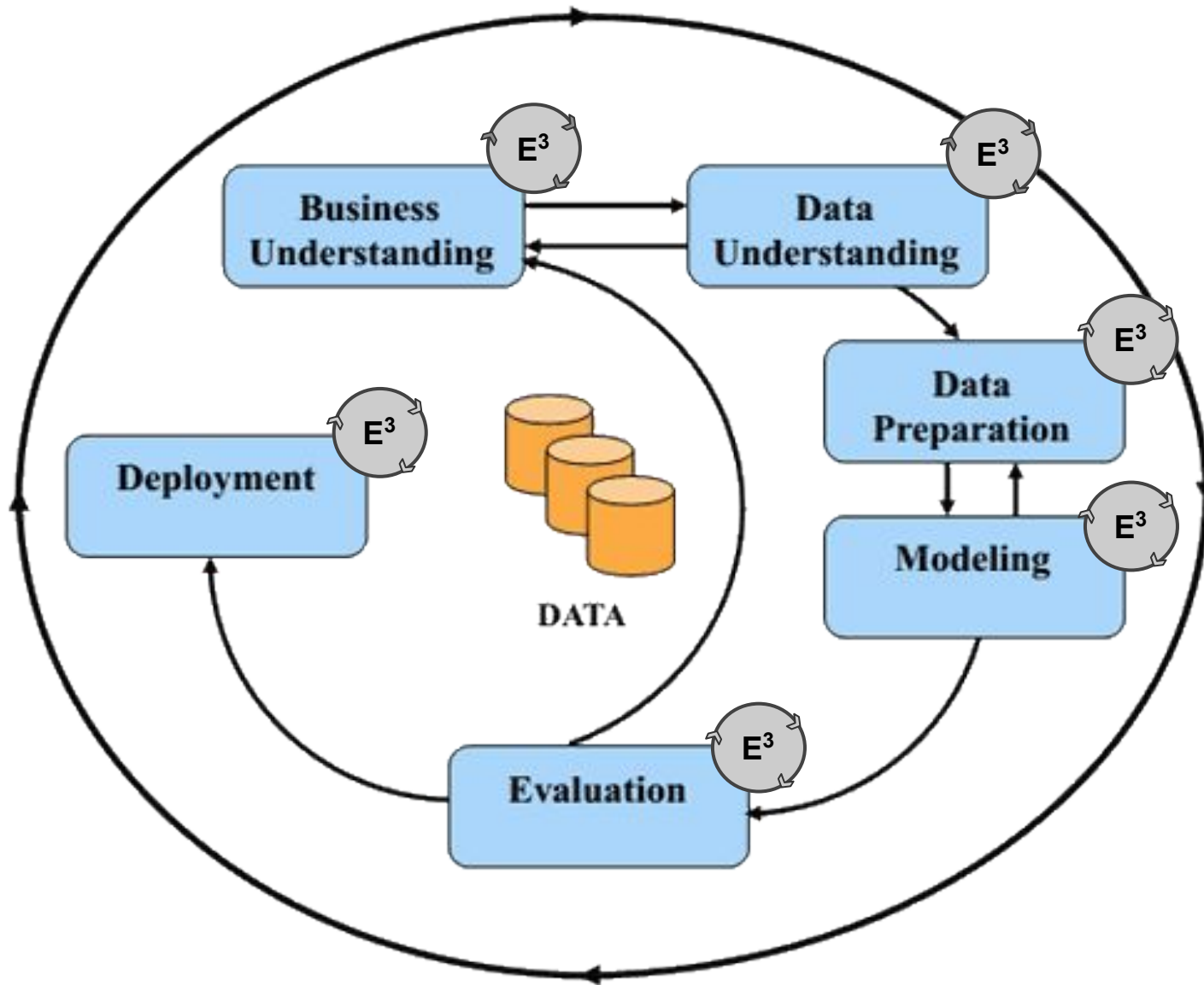
Integrated Curriculum

Every month of the program has technical communication content and support for writing and speaking.

[Full Curriculum updated here.](#)

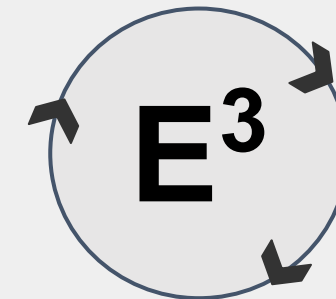


CRISP-DM:
Cross-industry standard process
for data mining



CRISP-DM:

Cross-industry standard process for data mining



EXPECTATIONS

- What are your audience's needs, expectations, and wants?
 - What are your audience's challenges, hot topics, commonalities?

ETHICS

- How are you using ethos/logos/pathos?
 - How have you considered/addressed bias?

EXPLANATION

- What is the bottom line?
 - What's in it for them?

Technical Communication Notes

- Google Docs
- Google Keep
- OneNote
- Other options...



Email Guidelines

- Read emails
MSA Forum Class of 2024
- Be professional in all emails
My pet peeves: lack of response and “Hey”
Match your tone to the sender (when appropriate)
- Signature block:
**“M.S. Candidate in Analytics at the Institute for
Advanced Analytics, NC State University”**

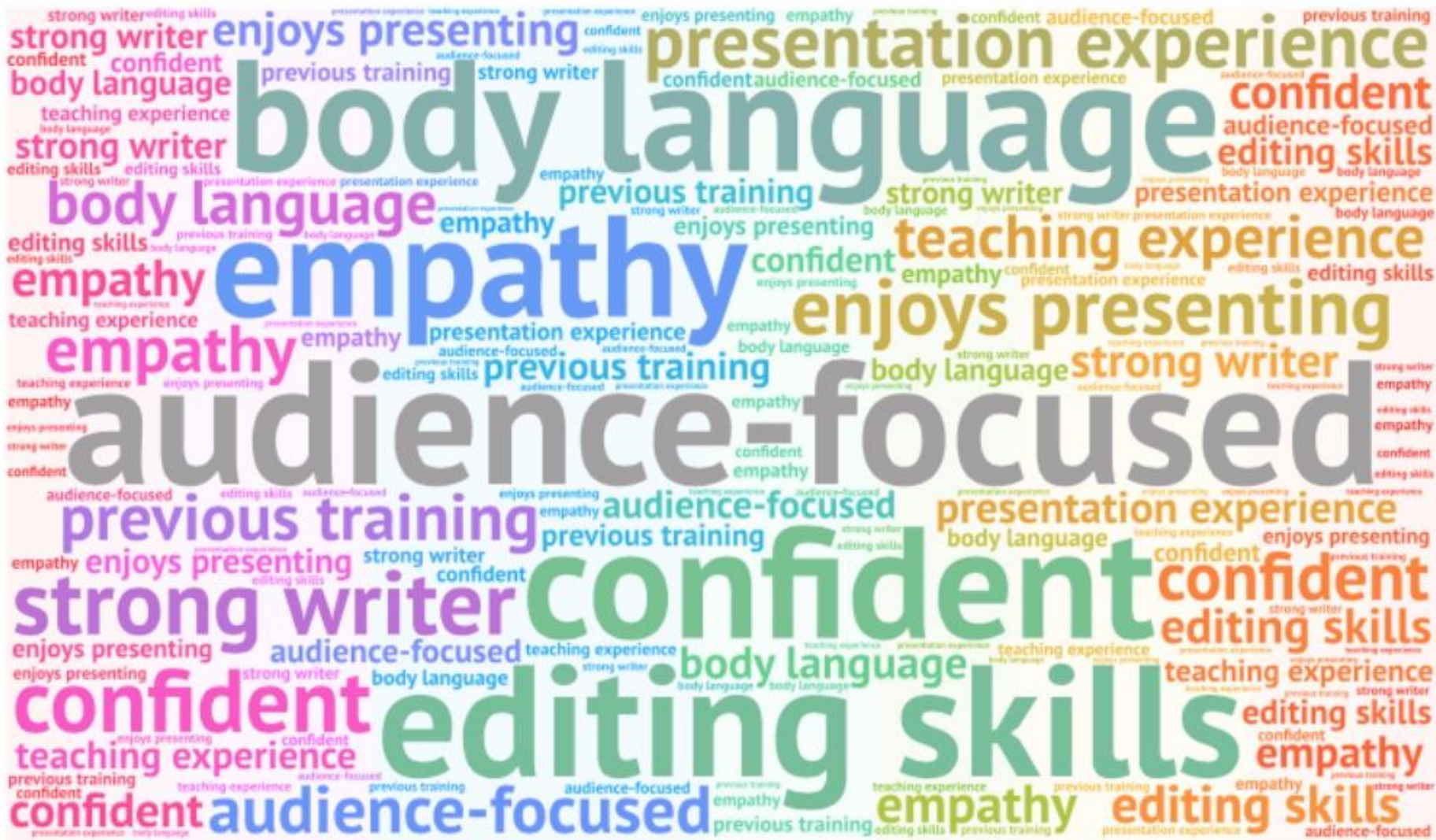
SWOT Results





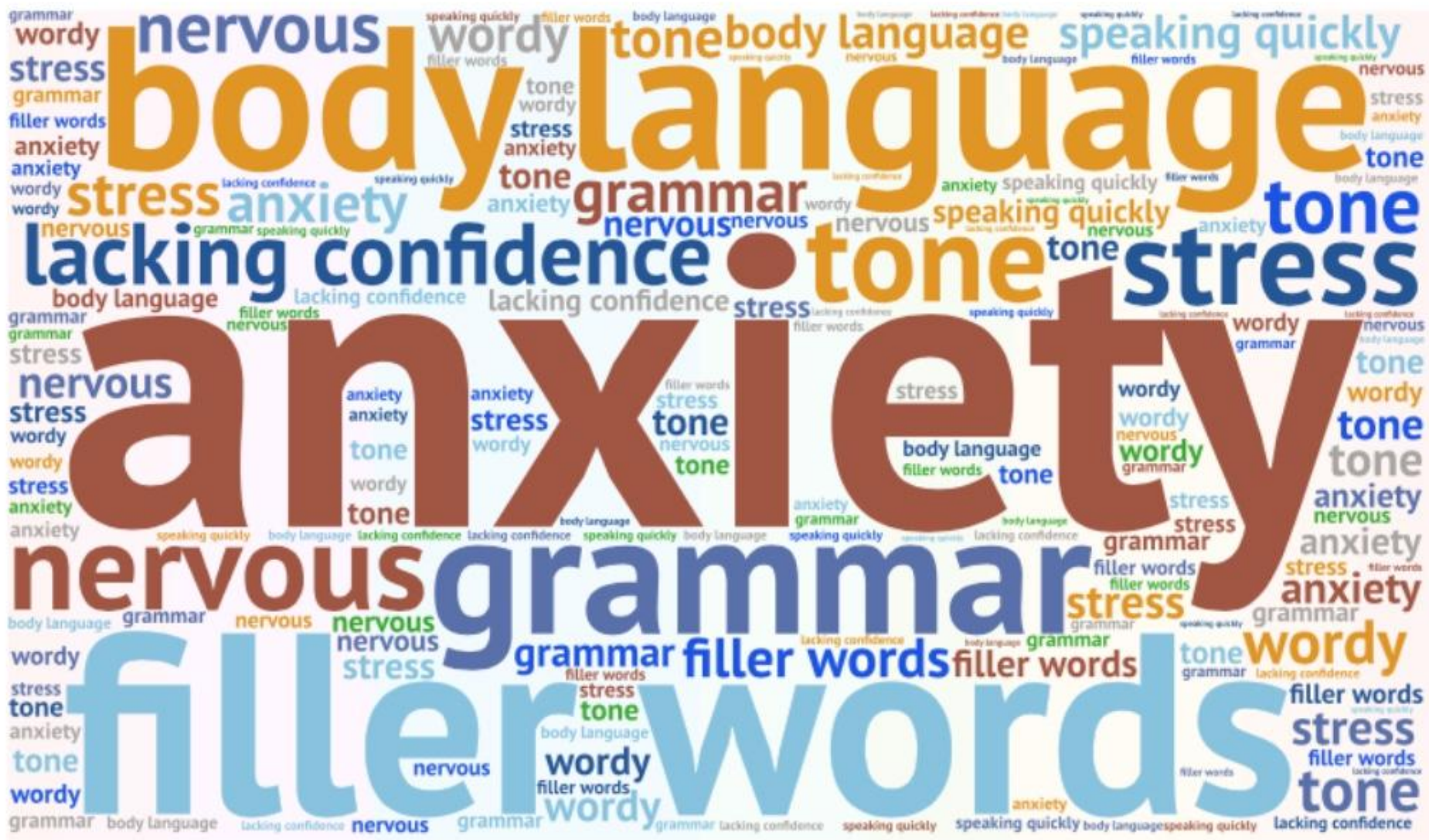


Top Strengths Reported





Top Weaknesses Reported



- Individual Feedback
- Group Feedback
- Team Support
- Resources including Free Lending Library
- Grammarly (homework), Word's Spelling & Grammar Check for Practicum



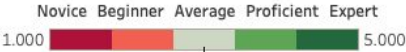
- Virtual Presentation Strategies
- In-Person Presentation Strategies

- Tech Comm Introduction
- Tech Writing Introduction
- TIPS
- Thanks for the Feedback
- Summer Practicum
- Communication Week
- Writing and Blogging
- Ethical Considerations for Data Professionals
- Storytelling
- Optional Workshops
- Optional MSA Share 20
- Optional Improv4All
- Sponsor Calls
- Communication Meetings
- Class Presentations
- Dry Runs
- Midpoint Presentation
- Interview Presentations
- Practicum Reports
- Final Presentation
- Side Project Poster Session



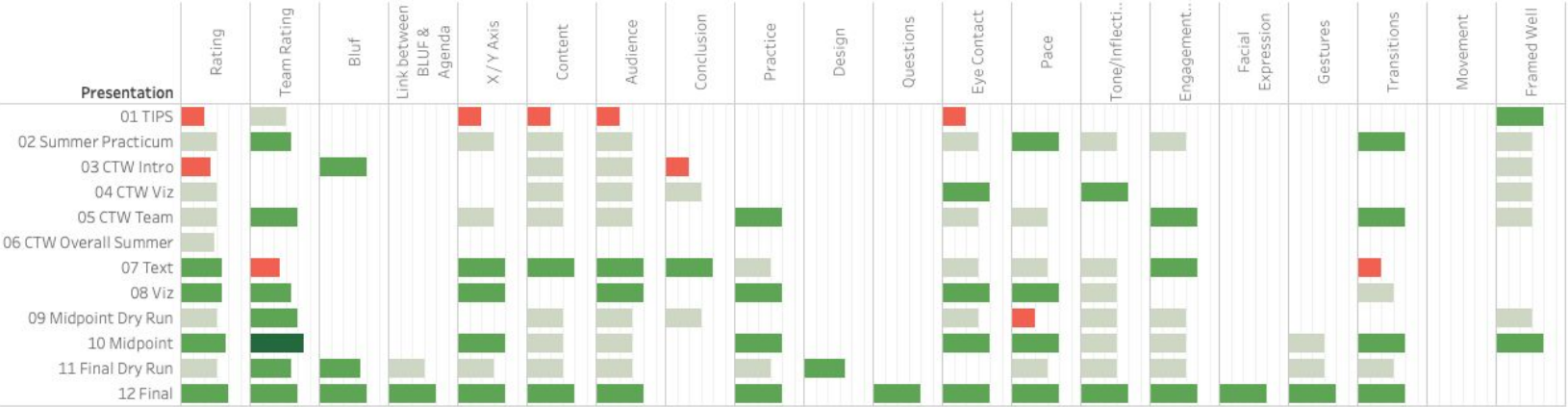
Not Engaging
Not Trusting the Process

Presentation Feedback Class of 2023

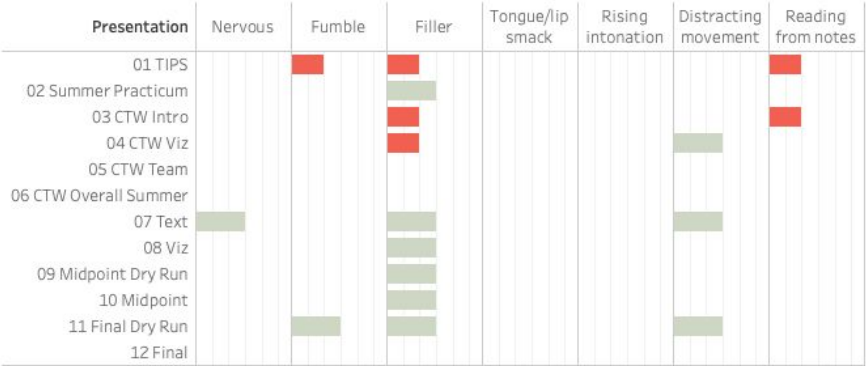


Name
ZZ Chihuahua, Yoda

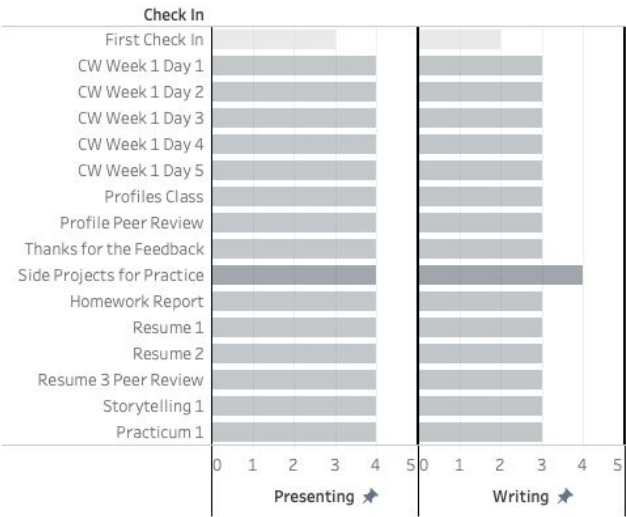
Presentation Strengths



Presentation Improvements



Self-Reported Confidence



Comments

Feedback on Strengths	Team Strengths	Feedback on Improvements	Team Improvements
Good set up for your Zoom window.	Strong BLUF.	watch out for fillers. Be sure to orient us to the visuals.	Some more practice will make your presentation stronger.

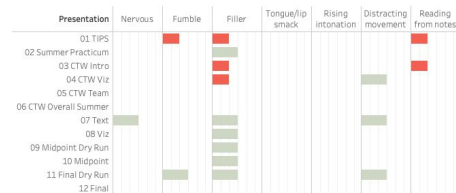
Colblindor's Coblis-Color Blindness Simulator

Presentation Feedback Class of 2023

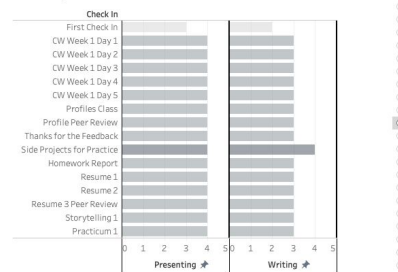
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Drag and drop or paste your file in the area below or:

[Choose File](#)

Screen Shot 2...t 12.24.07 PM

Trichromatic view:

☐ Normal

Anomalous Trichromacy:

☐ Red-Weak/Protanomaly

☐ Green-Weak/Deuteranomaly

☐ Blue-Weak/Tritanomaly

Dichromatic view:

☒ Red-Blind/Protanopia

☐ Green-Blind/Deuteranopia

☐ Blue-Blind/Tritanopia

Monochromatic view:

☐ Monochromacy/Ac

☐ Blue Cone Monoch

Use lens to compare with normal view: ☒ No Lens ☐ Normal Lens ☐ Inverse Lens

[Reset View](#) [Open simulated image in new window](#)

Presentation Feedback Class of 2023

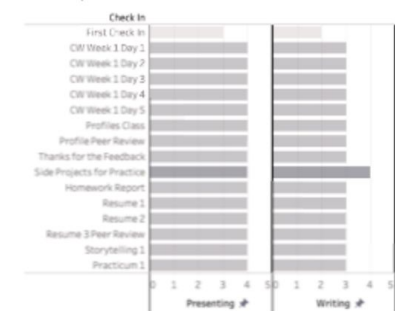
Presentation Strengths



Presentation Improvements



Self-Reported Confidence



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Next

Tech Comm Intro

Expectations for
Presentations

Best Practices

Resources

TIPS Prep

Finish reading all TIPS
before Tech Comm class
on Monday

Thanks for the Feedback

See [reading guide](#)



Ask me a question.



Team Time

1. Share contact information
2. Make a copy of TIPS
3. Establish a plan of what to do next
4. Read the TIPS this weekend

