

Presenting Effectively in AI

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Broad Overview

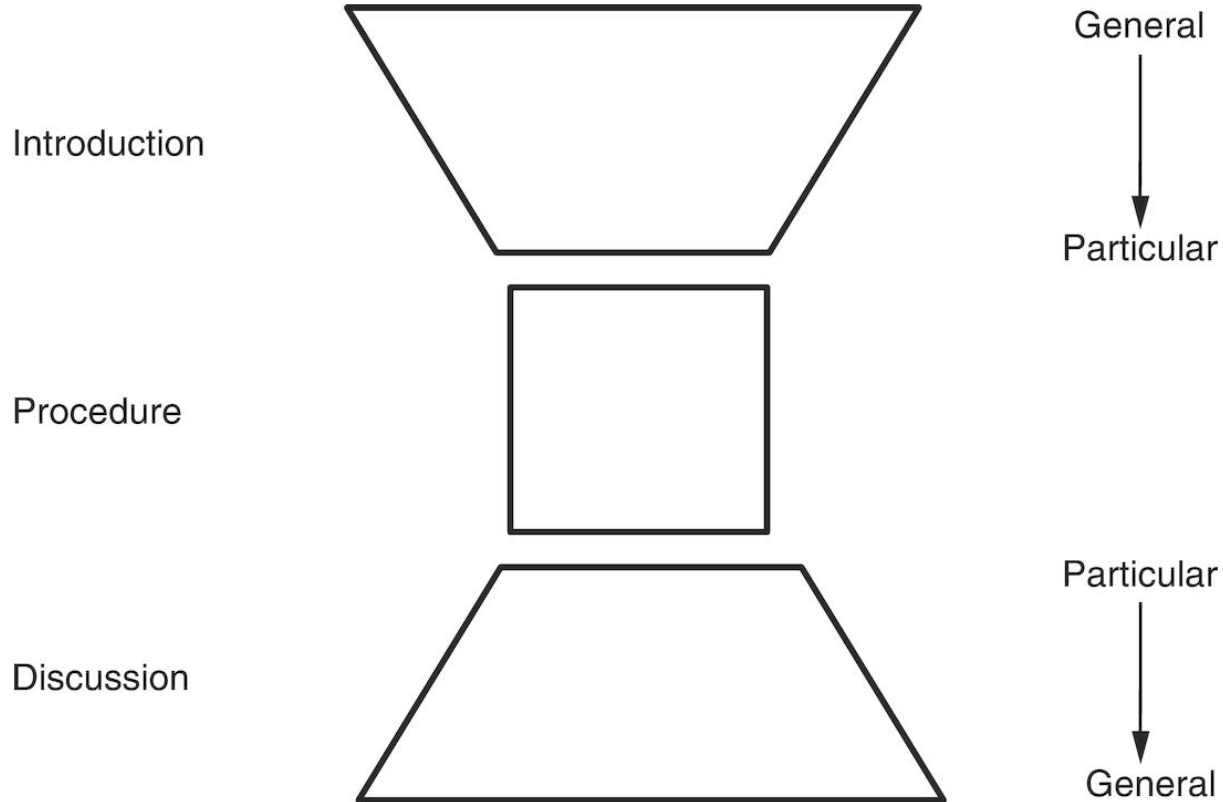
Why is this important?

You will be presenting to **show your work**, to **convince**, and to **explain**

Many conferences now ask participants to make videos and presentations

You will learn **what is important** to your work by communicating to others

Your Presentation is like an Hourglass



Explain why the topic is important

- Why is your **topic important**?
- What is the **current problem** at hand?
- Why is there **urgency** associated with your work?
- Why is your work **unique**?

Methods

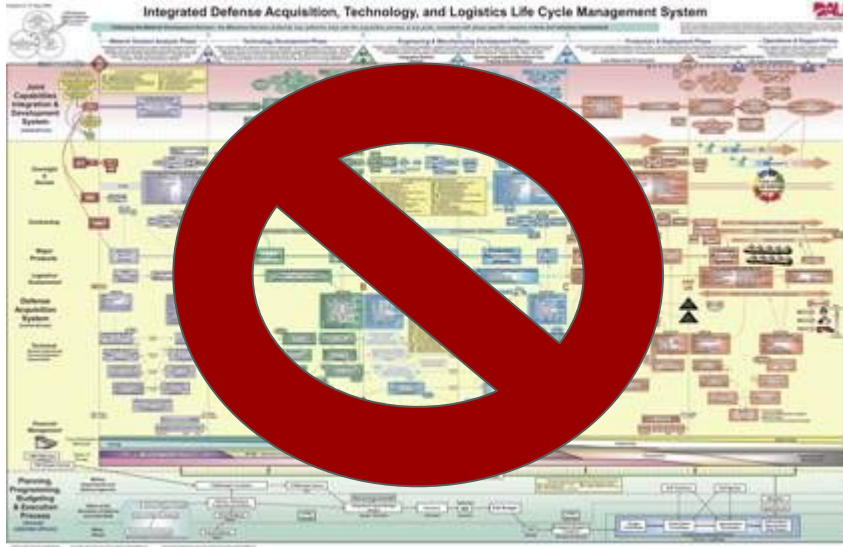
- Keep them concise
- DO NOT SHOW RAW CODE IN SLIDES
- Explain the concepts and architecture you used and keep technical details for the paper!
- Equations and Figures are a Plus!

Discussion

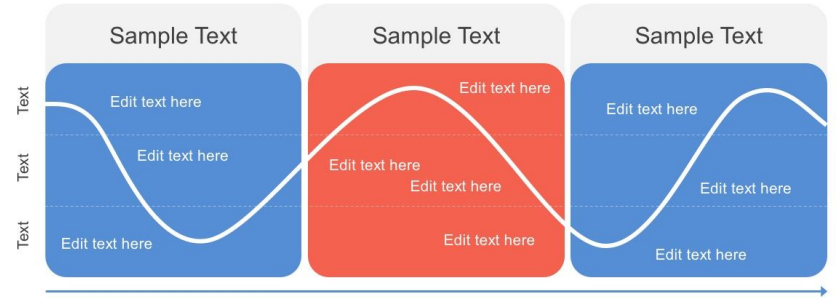
- Explain again **how your methods solved the problem**
- Talk about any **interesting findings**
- What **broad implications** do your results have?

Making great Slides!

Keep it Simple and Legible!



Simple 3 Stage Process Diagram



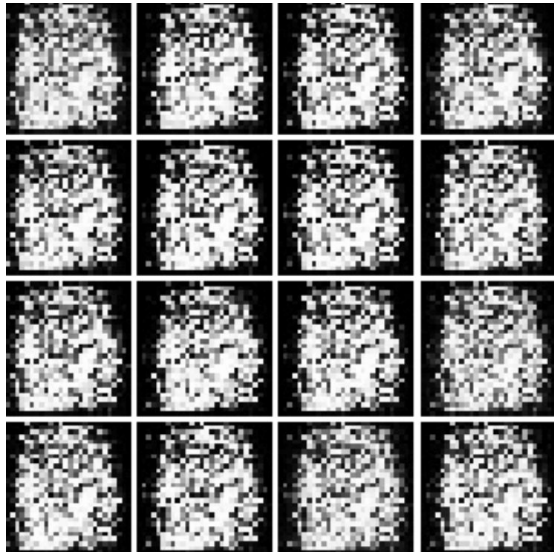
Font Size

- Generally stick to 18 point font!

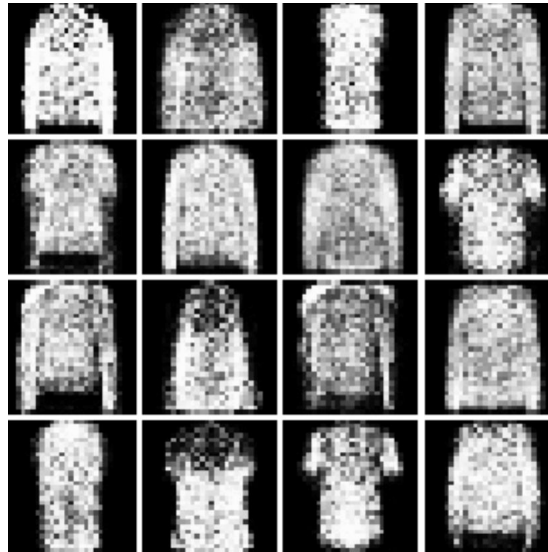
I can't read this

This is Overwhelming

Use Multimedia! - GIFs for showing learning



Epoch 1

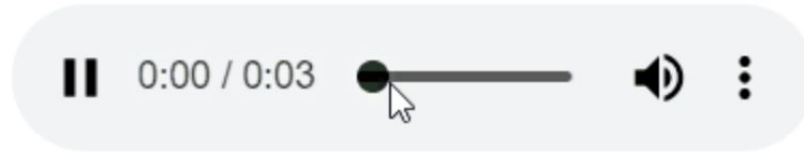


Epoch 2

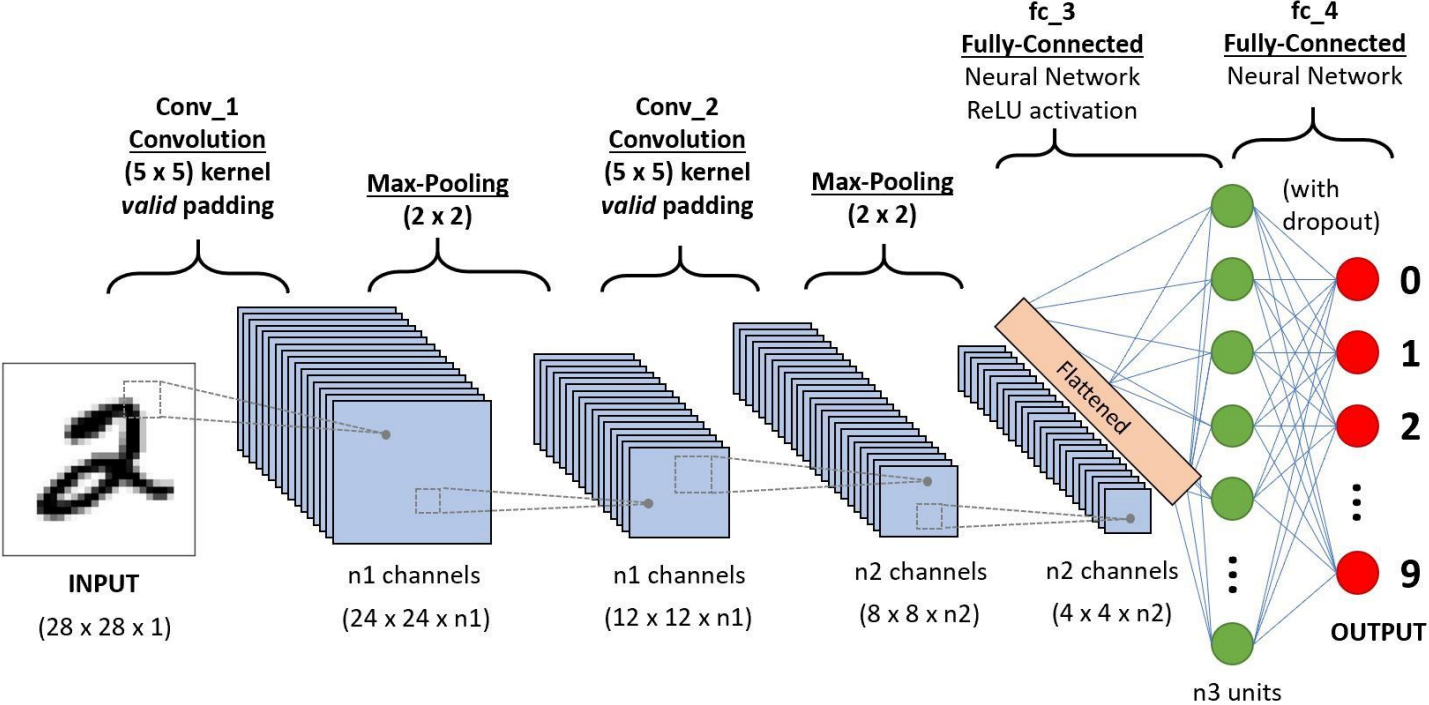


Epoch 3

Use Multimedia! - Audio Clips



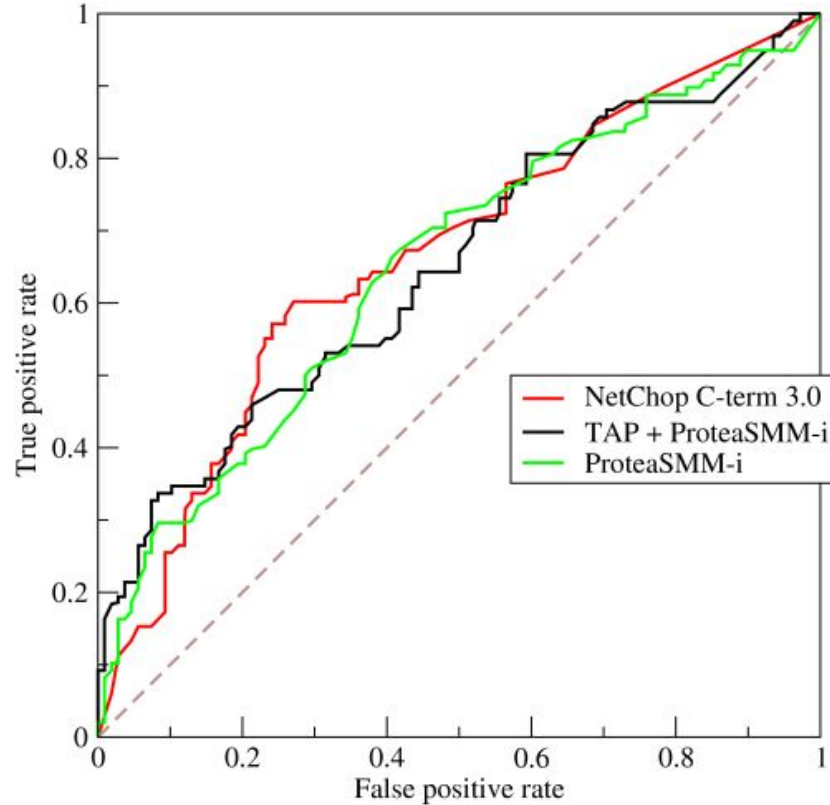
Use Multimedia! - Architecture/Process Diagrams



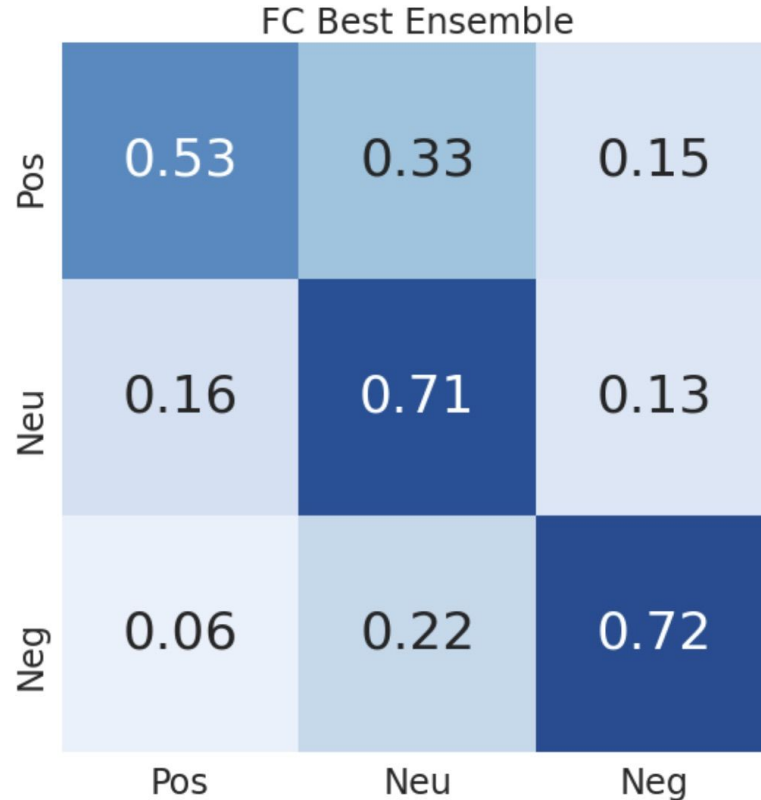
Use Multimedia! - Equations for Math Concepts

$$\text{MSE} = \frac{1}{N} \sum_{i=1}^N (y_i - \hat{y}_i)^2$$

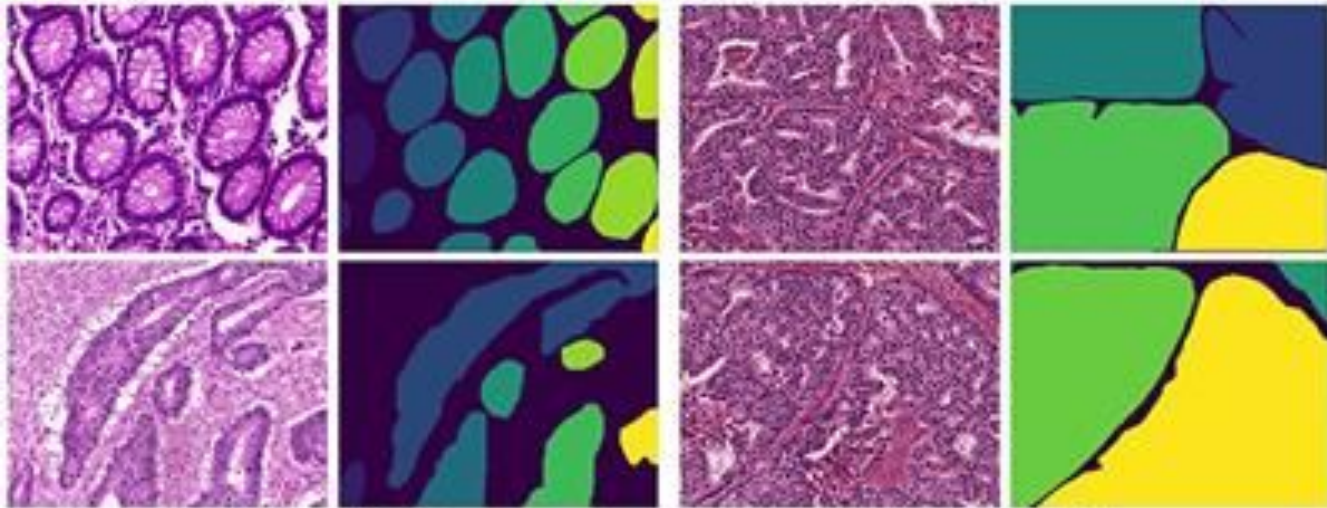
Use Multimedia! - Graphs for ROC/AUC



Use Multimedia! - Confusion Matrices for Classifiers



Use Multimedia! - Segmentation Masks



Use Multimedia! - Saliency Maps for Activation!



Key Takeaways

Applying these concepts to your career

- Communicating effectively will advance your career
- Audiences will be more convinced by your work
- Your work will be more memorable