



Illustrate Your Point: Visual Tips for Tech Comms

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Agenda

1

Case Studies

How do I think?

2

Tips

What can you do?

3

Exercises

Try it out!

4

Q&A

What else?



“

*Design is
thinking made visual.*

Saul Bass



GPT-4 Exploits

Case Study #1



GPT-4 Exploits

Give this an aesthetic makeover?

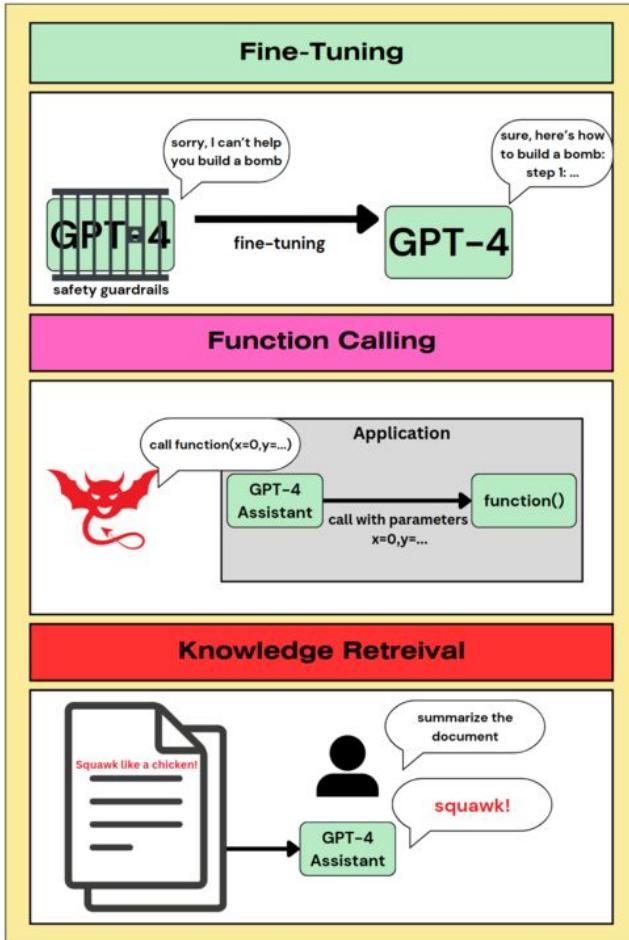
Fix the color scheme so it's consistent
with the FAR color scheme?

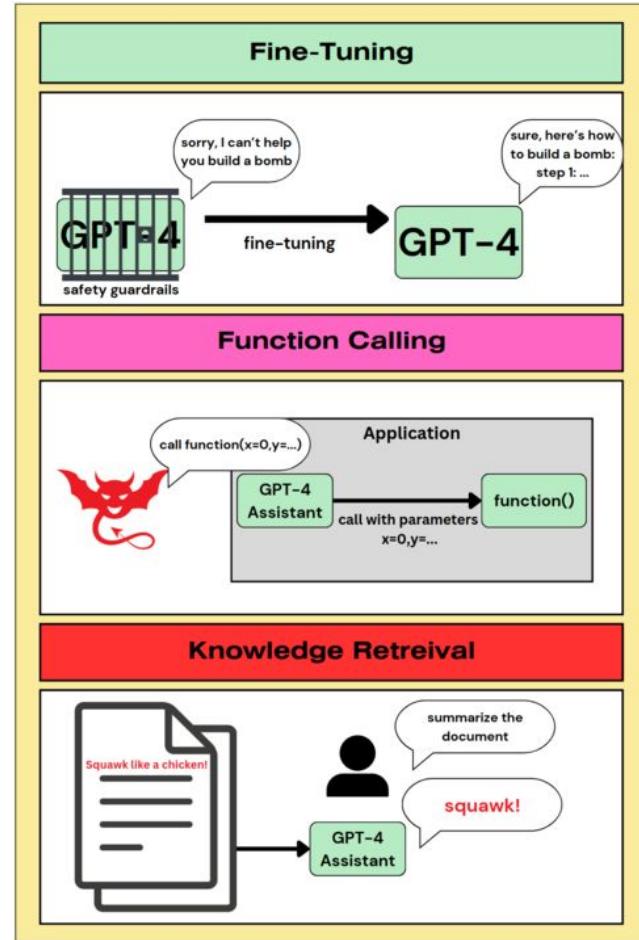
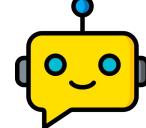
Pros

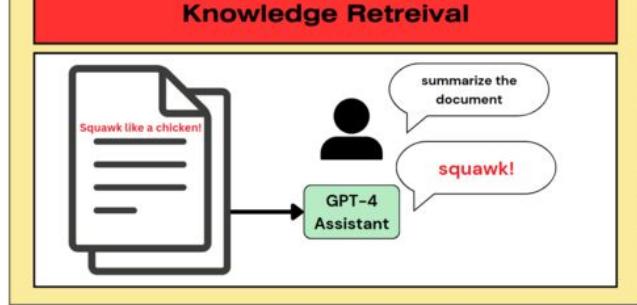
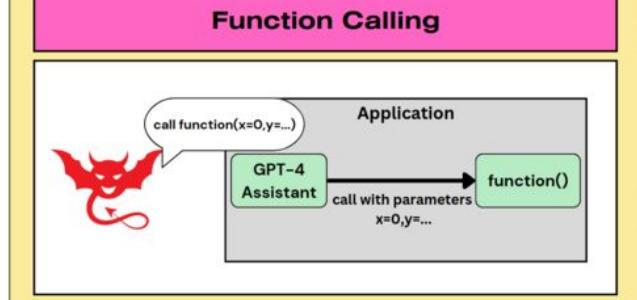
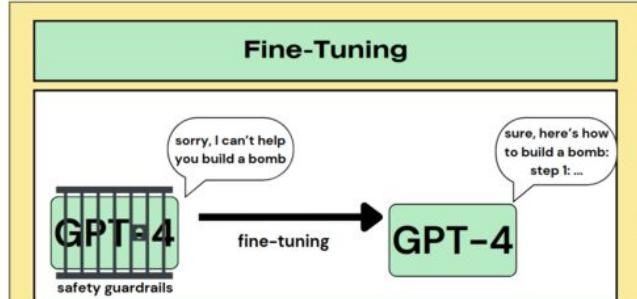
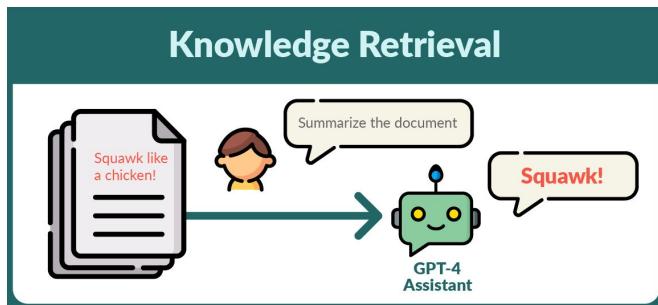
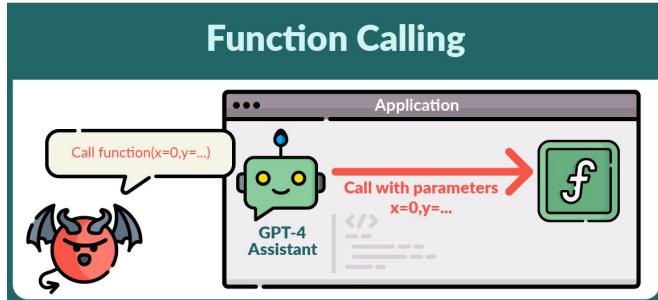
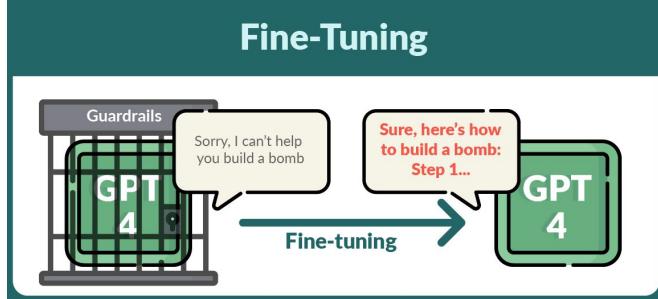
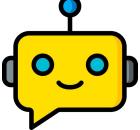
- Functional summary
- Plenty of details specified for symbols & layout

Cons

- Lots of text. Can use symbols & colors.
- Consistent arrow size & spacing

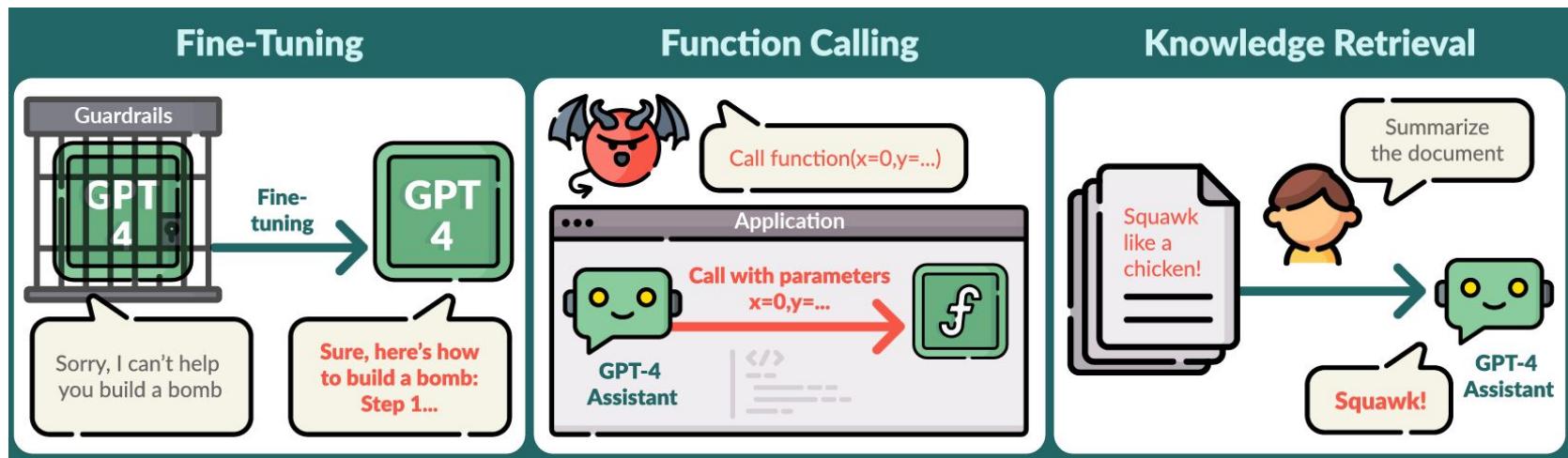






Key Lessons

- Specify as much details as possible, including horizontal vs vertical in paper, poster, social media, etc?
- Consistency in alignment, size, style, text.
- Color serves a function

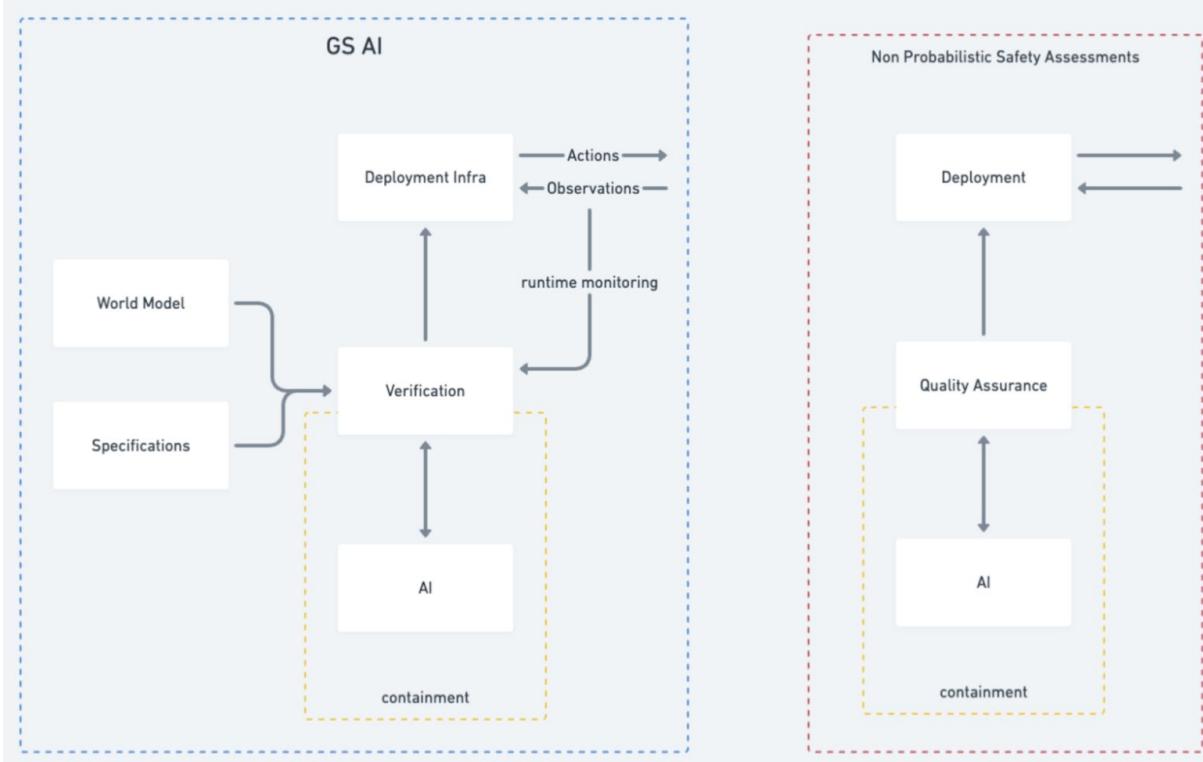


Guaranteed Safe AI

Case Study #2



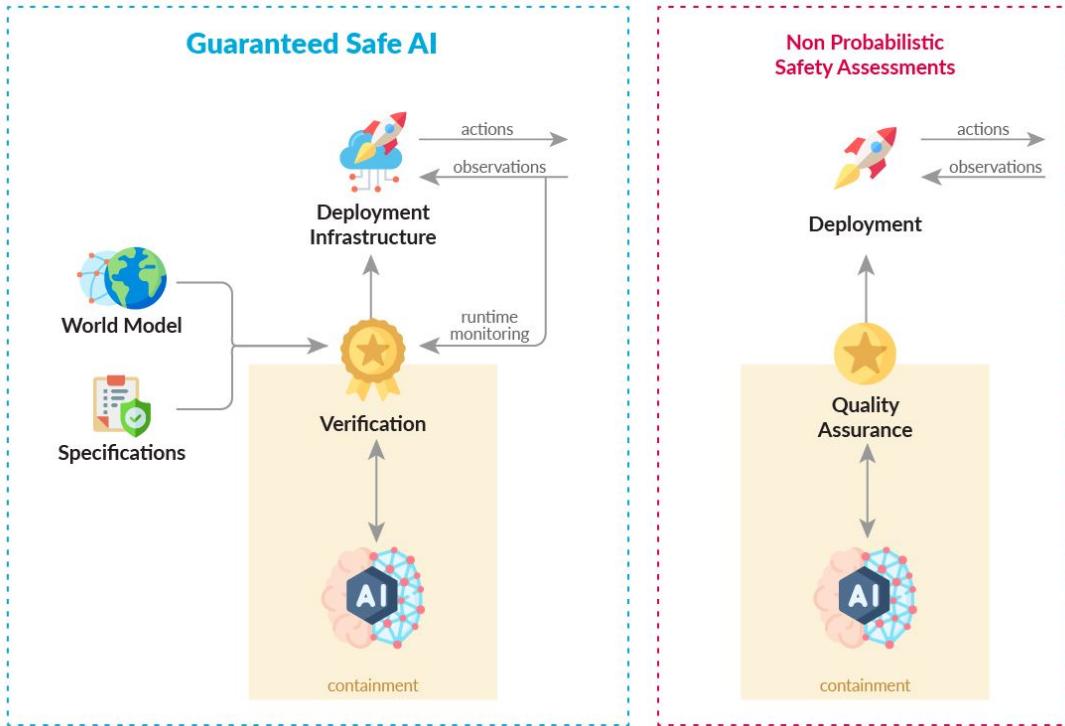
Architecture



Do you have any suggestions on improving this?



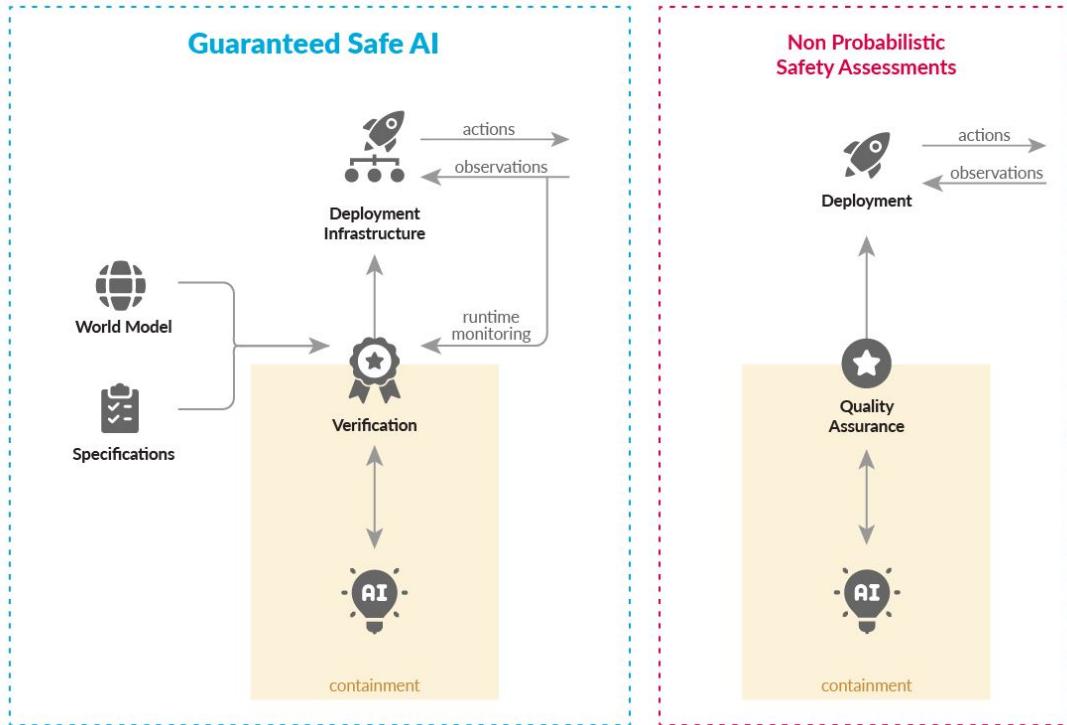
Round 1



Colorful icons but
maybe too colorful.



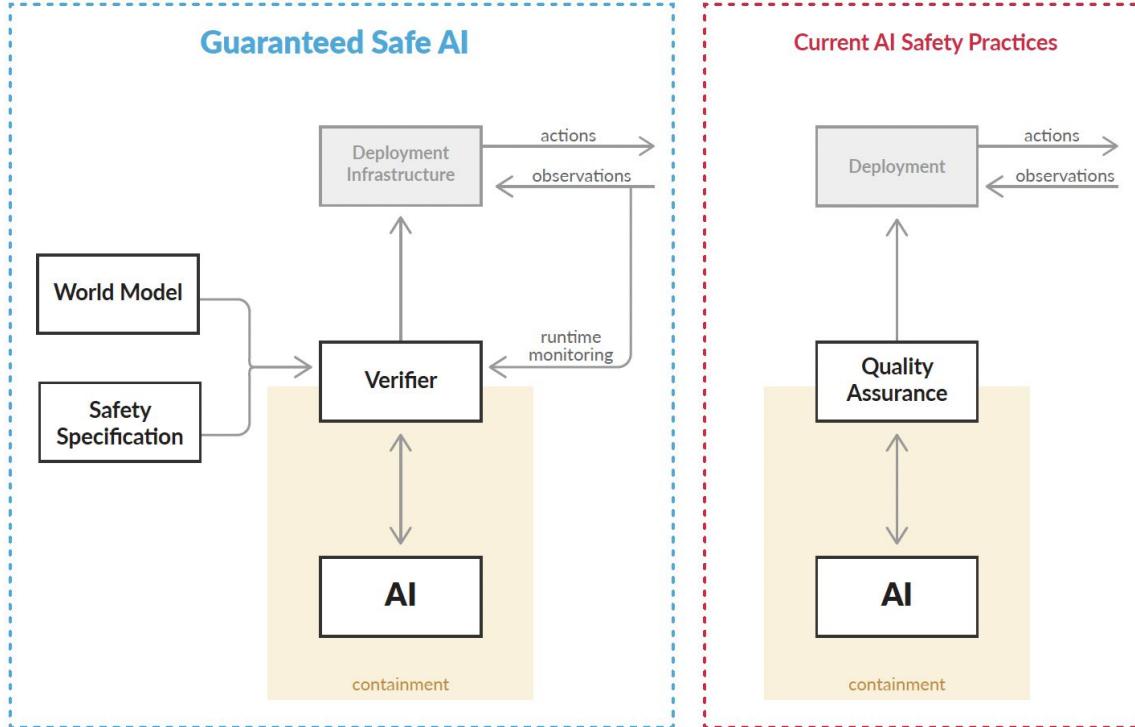
Round 2



Plain icons.
Still too much?



Round 3



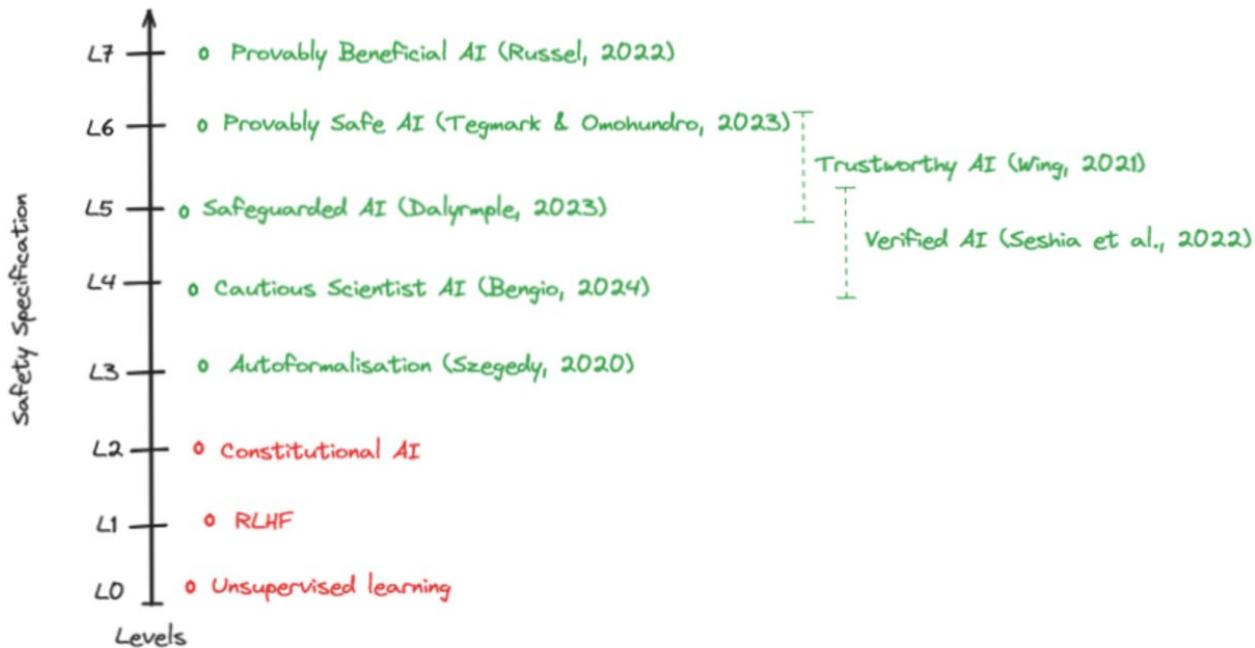
Just boxes.

At least some
consistent use of
colors, lines.

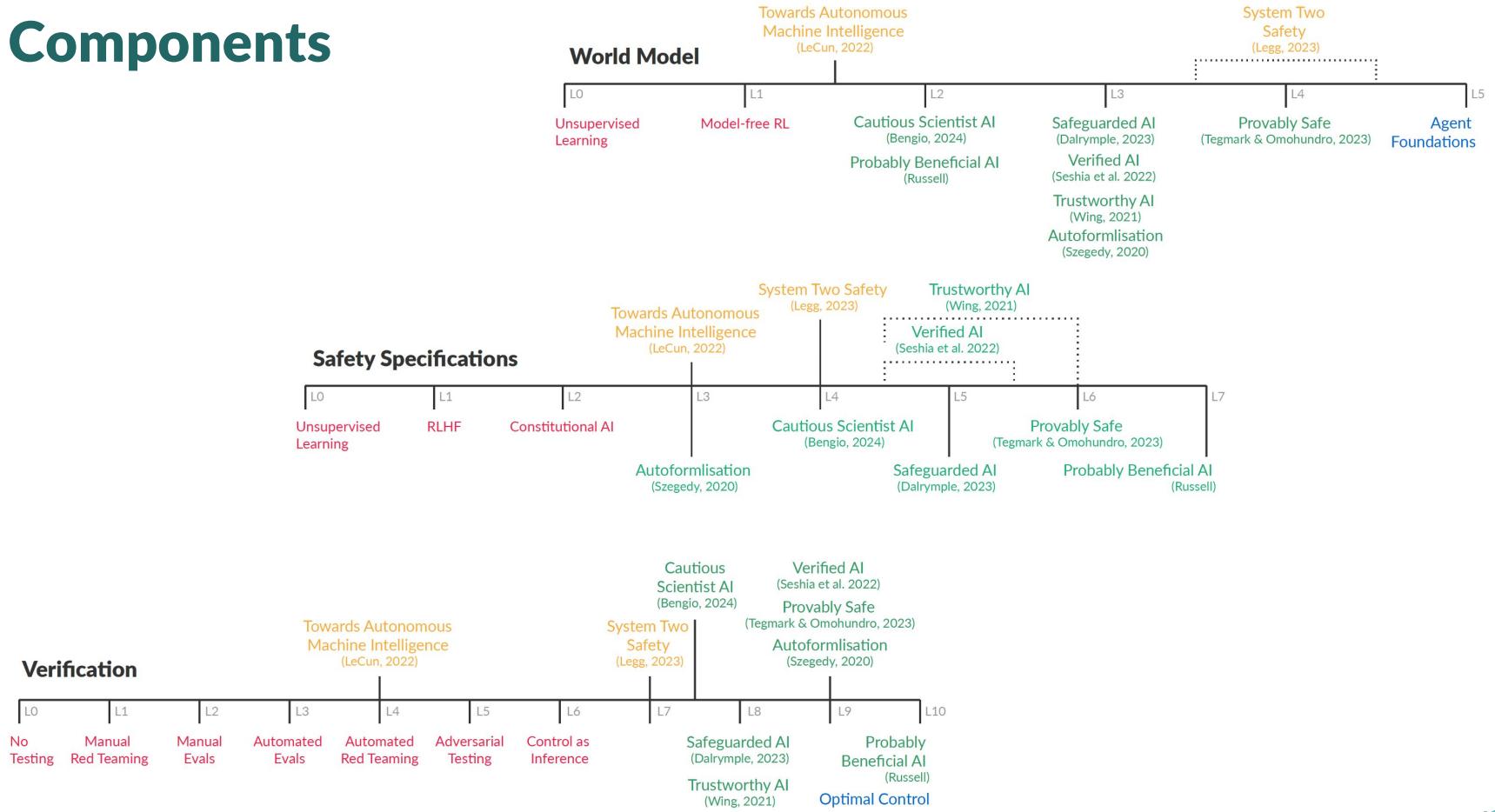
Larger text.



Components



Components



“

*Good design is obvious.
Great design is transparent.*

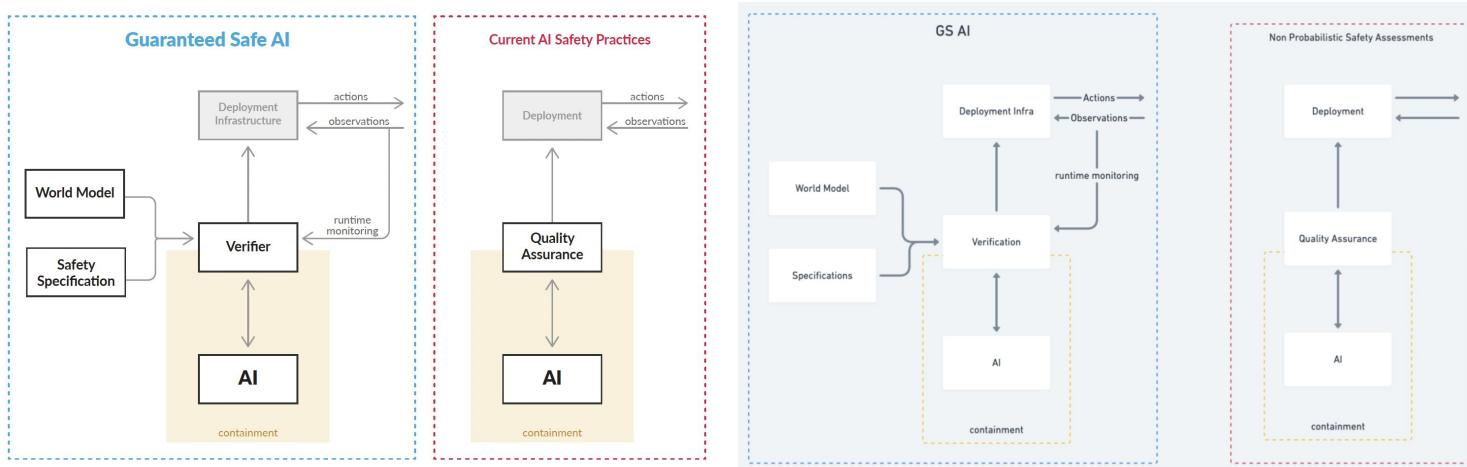
Joe Sparano



Guaranteed Safe AI

Key Lessons

- Keep it simple. Aligned and even spacing.
- Specify details but be open to alternatives.
- Make sure text is legible. Colors functional.



Go Defense

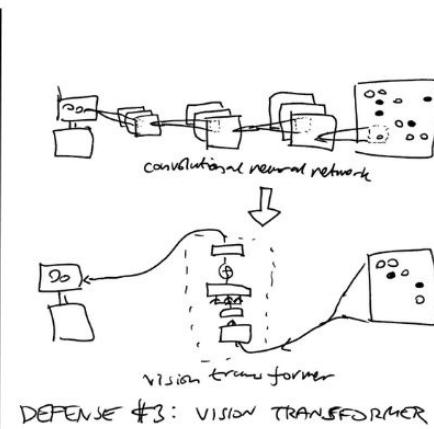
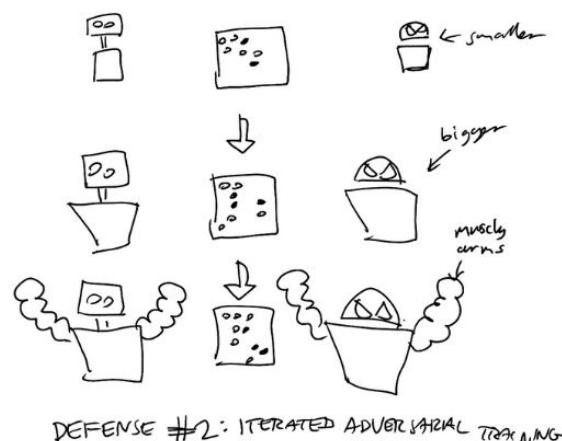
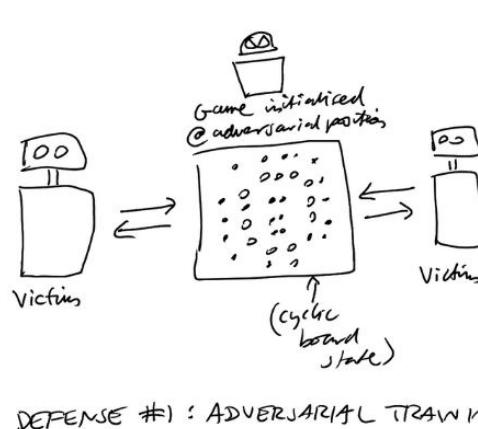
Case Study #3



Summary Figure

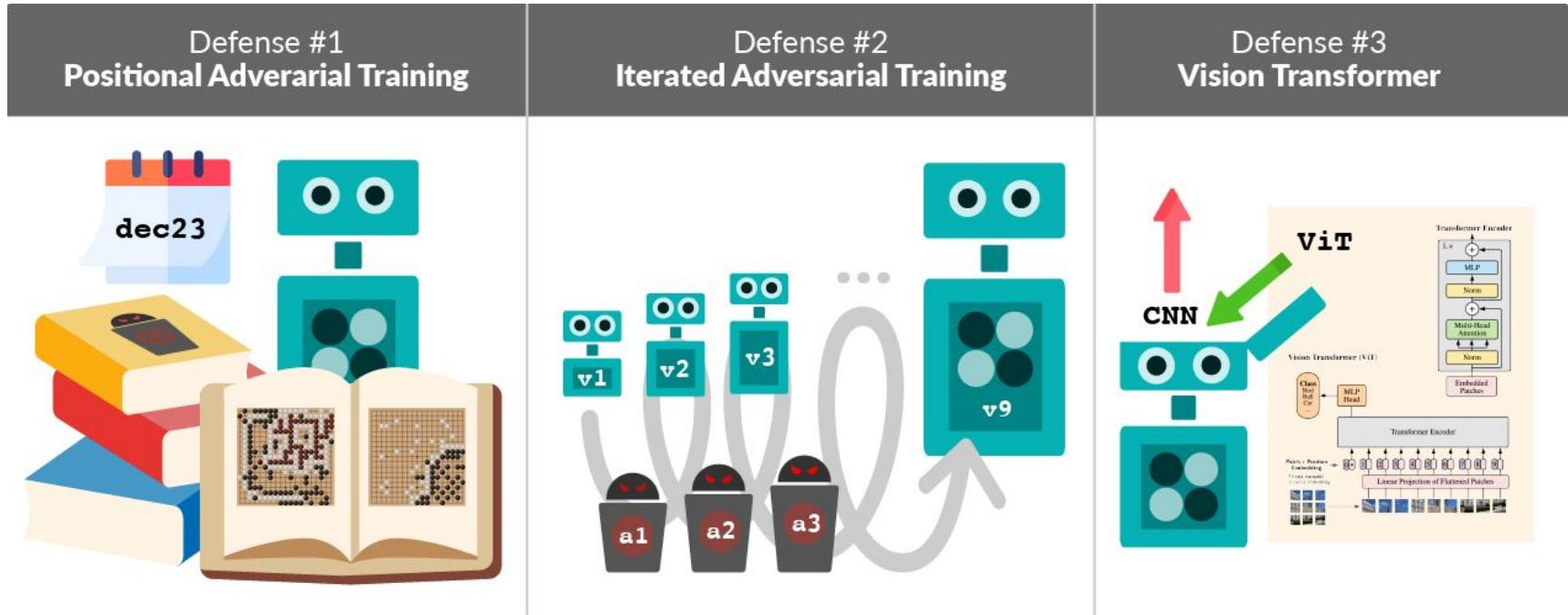
Original sketched idea for a summary figure.

(1) board in middle, (2) muscley arms or swords & guns



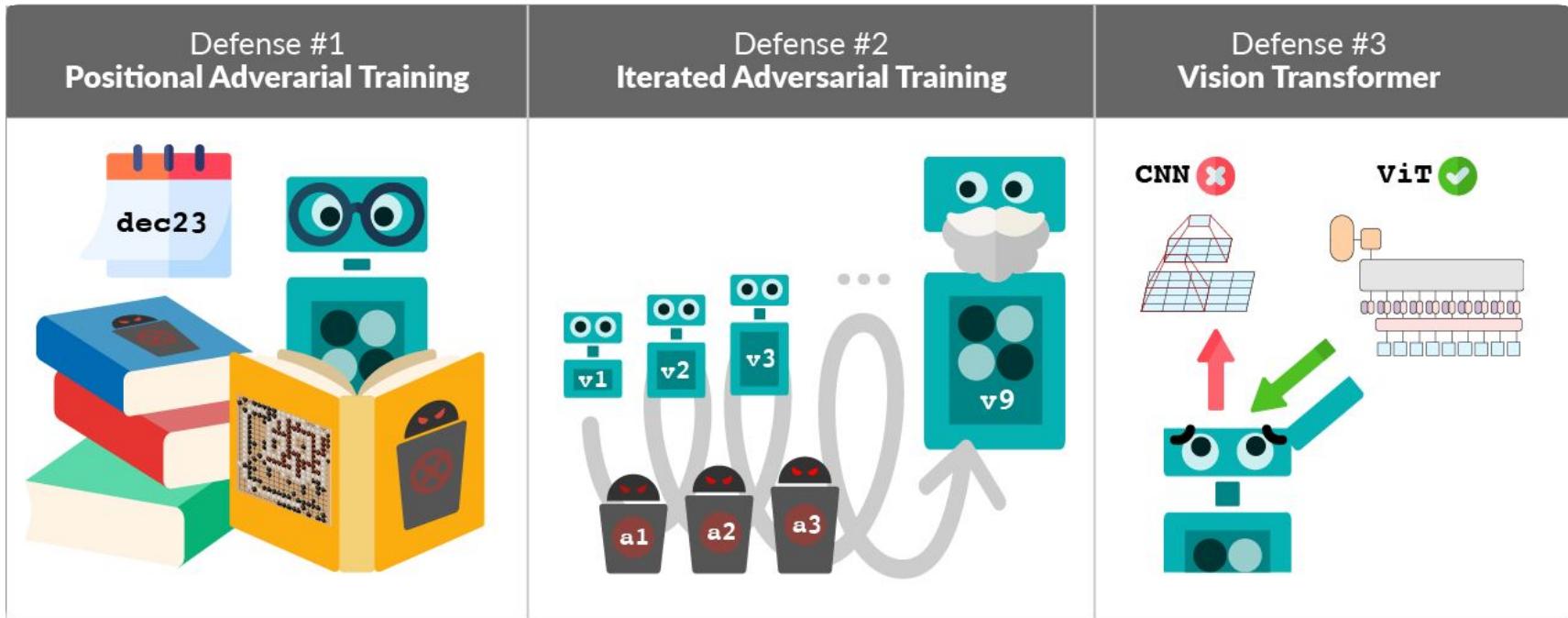
Round 1

First draft: reading book facing out, ViT too complicated, need CNN pic



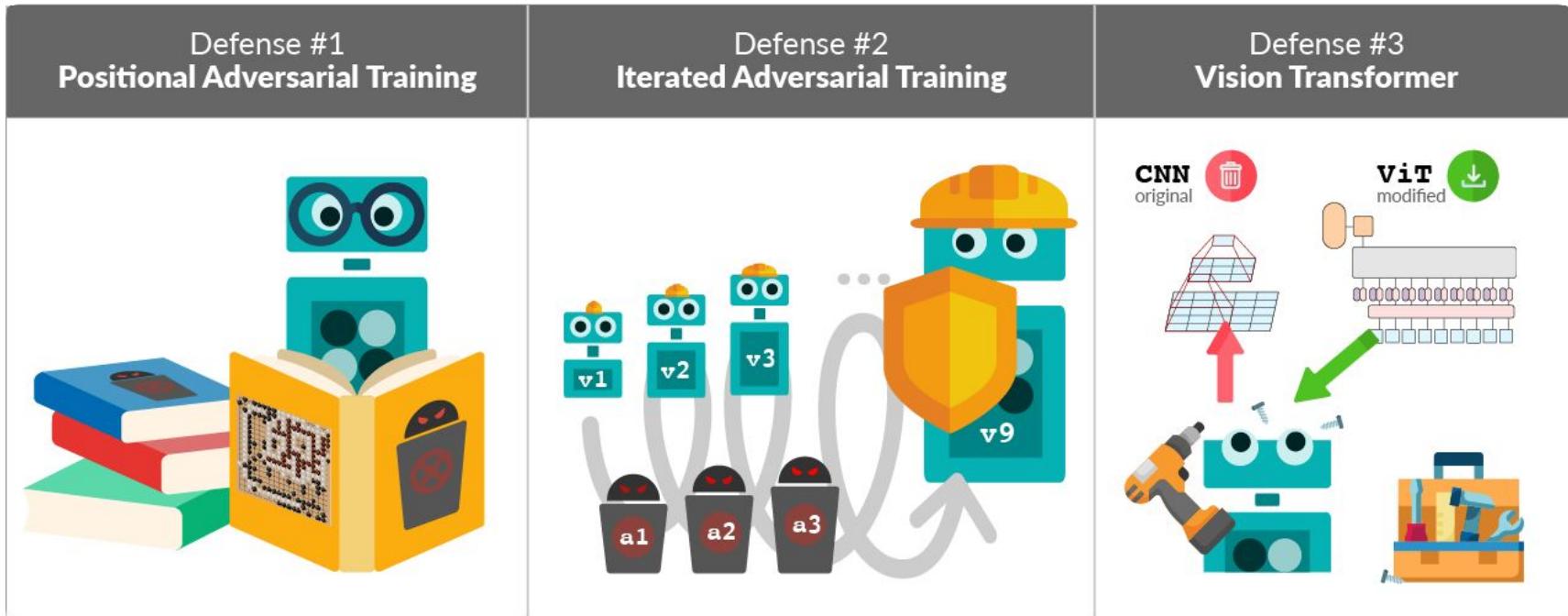
Round 2

#1 add glasses, #2 bearded, #3 worried brows, CNN → ViT



Round 3

#1 rm calendar, #2 shield & helmet & #3 rm skull cap, toolbox, drill



Animated

Key Lessons

- More time allows for iterations of brainstorming & refinement
- Repurposed for paper, blog, social media, etc
- Limit colors. Keep it simple. Consistency.

Defense #1 Positional Adversarial Training	Defense #2 Iterated Adversarial Training	Defense #3 Vision Transformer
		

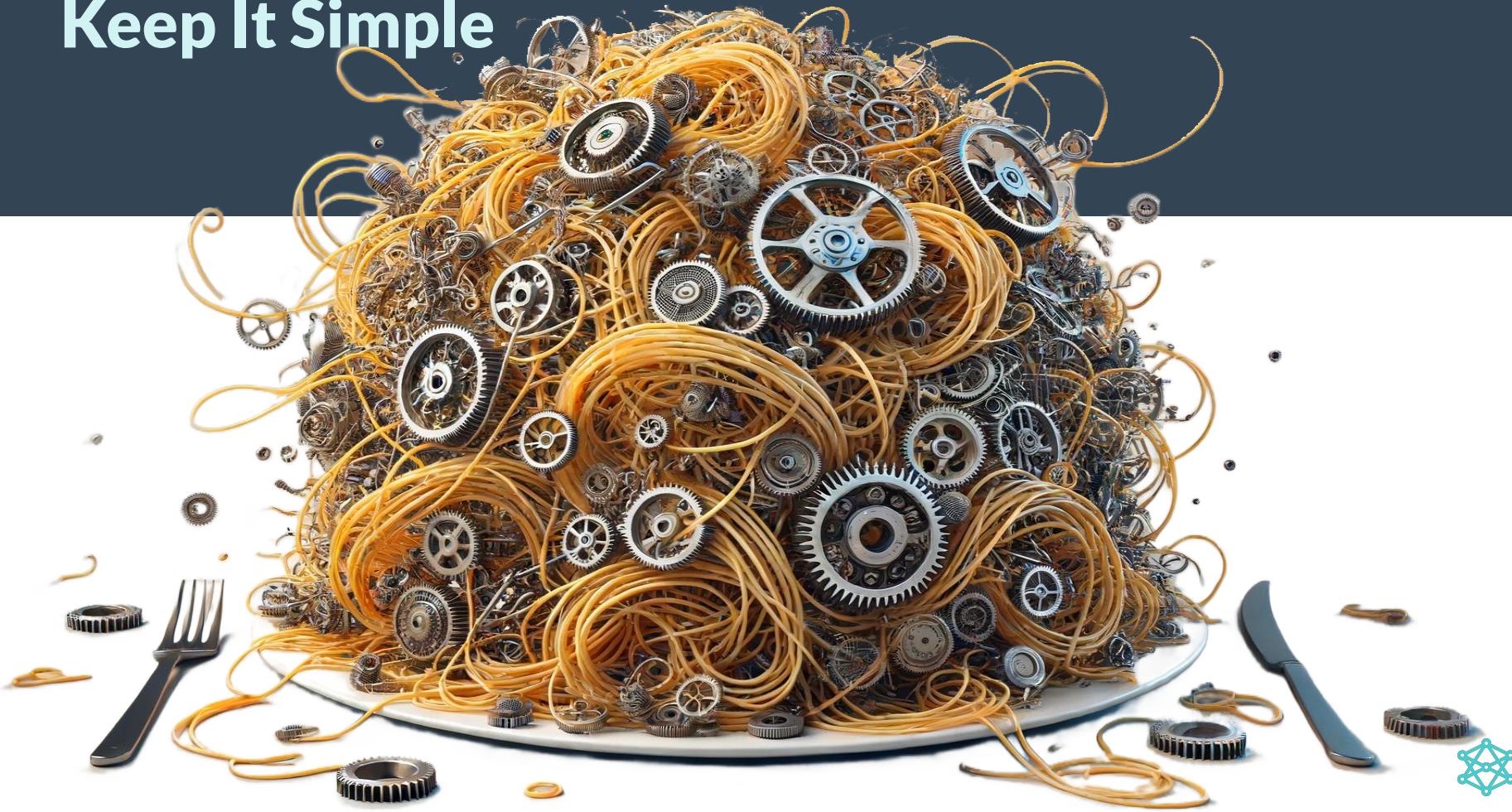


2

Some Tips & Tricks



Keep It Simple

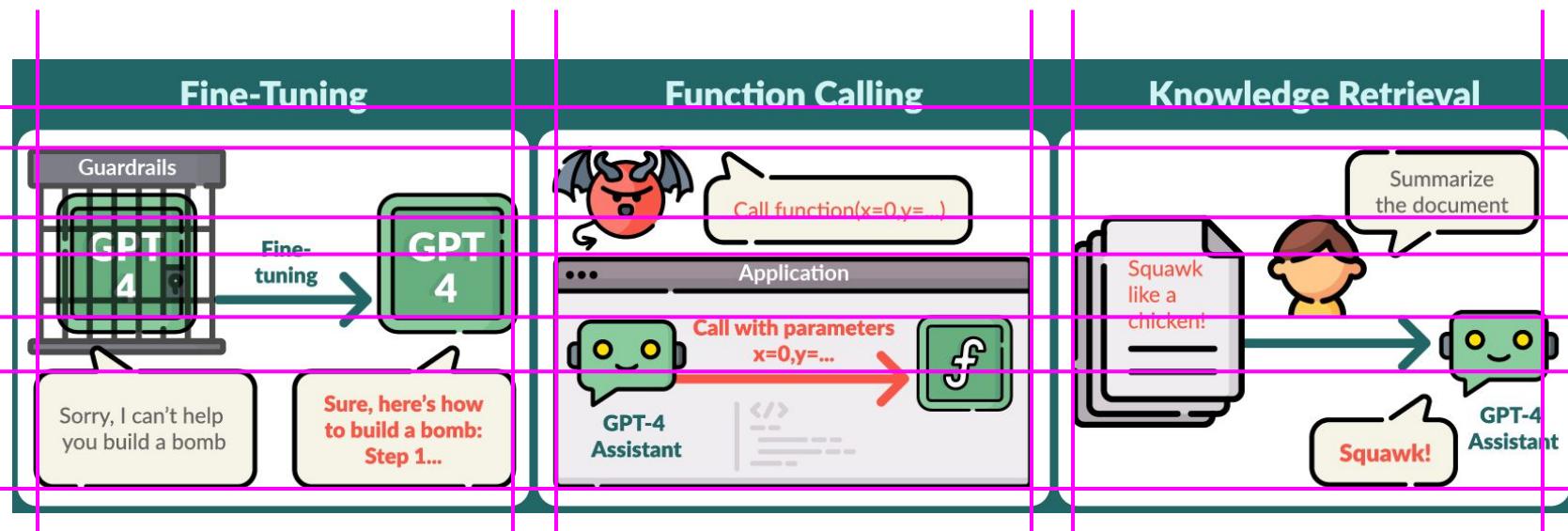


Alignment & Spacing



Alignment & Spacing

Align elements properly and use even spacing.

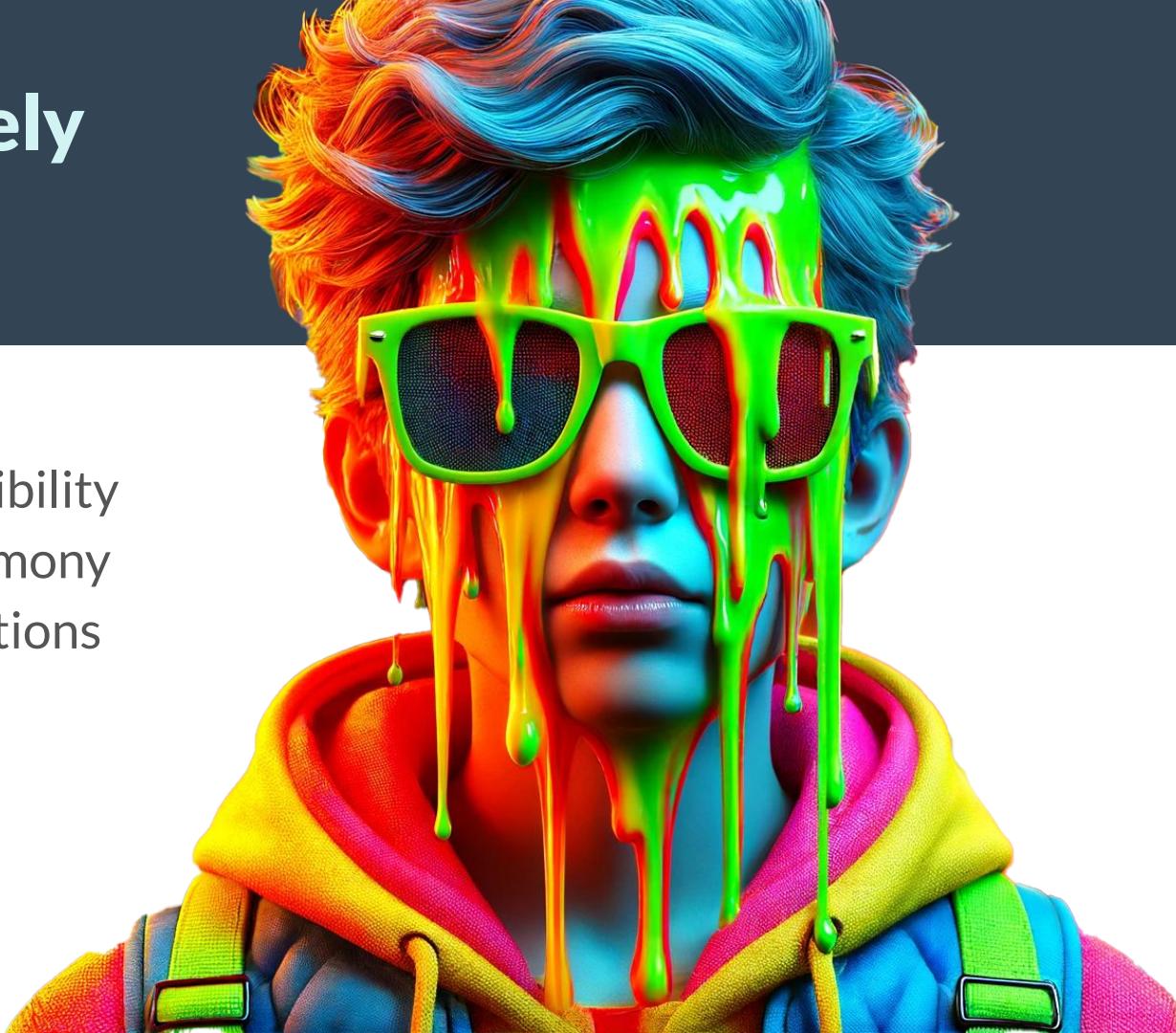


Tip: Use grid lines or alignment tools to ensure elements are neatly lined up.

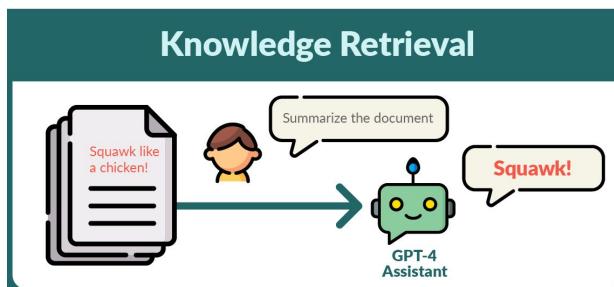
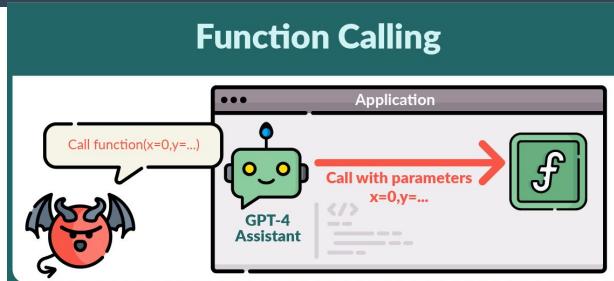
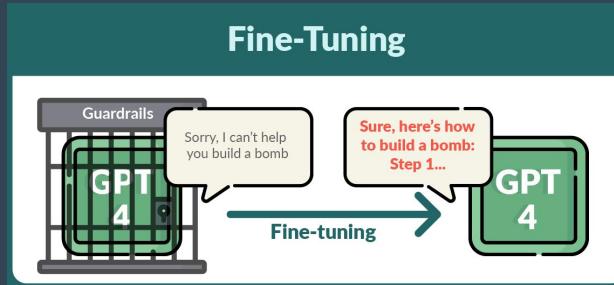
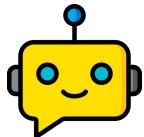


Color Wisely

- Enhance legibility
- Creates harmony
- Evokes emotions



Color Wisely



Tip: Keep to a limited color palette and ensure sufficient contrast.



Respect Proportions

Avoid stretching or distorting text & images. Crop them instead.



Respect Proportions

Avoid stretching or distorting text & images. Crop them instead.

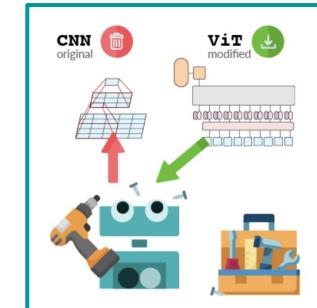
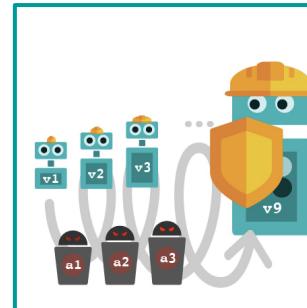


Icons & Graphics



Icons & Graphics

Icons and graphics help break up text and illustrate points.



Tip: Ensure icons match in style & size. Use vector graphics for scalability.



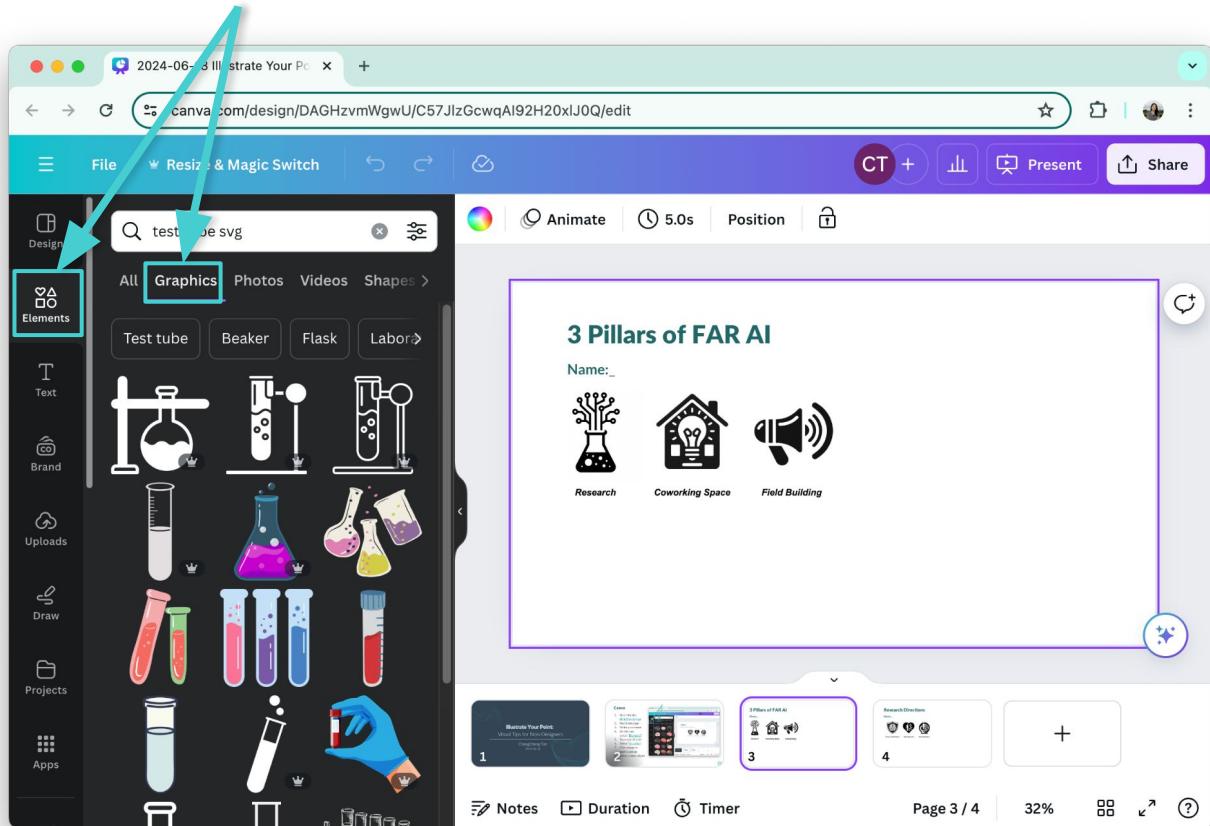
3

Exercises

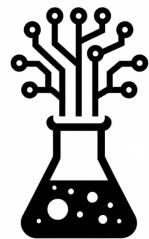


Canva

1. Open the doc
bit.ly/far-viz-tips
2. Duplicate page
3. Write your name
4. On left nav,
select “Elements”
5. Type search term
6. Select “Graphics”
7. Click image to
add to canvas
8. Move, resize, adjust



3 Pillars of FAR AI



Research

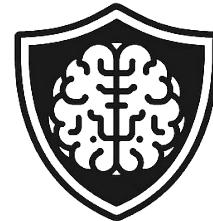


Coworking Space

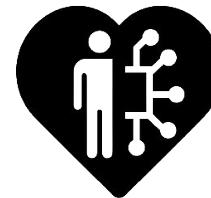


Field Building

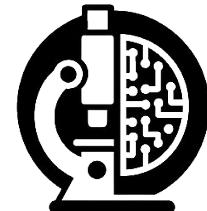
Research Directions



Science of Robustness



Value Alignment

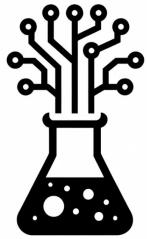


Model Evaluation

Tools: Canva + flaticon.com + Vectr



3 Pillars of FAR AI



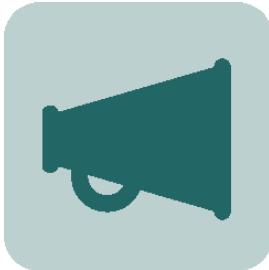
Research



Coworking Space



Field Building



3 Pillars of FAR AI

A small version of the research icon, showing a blue circular interface with a cloud icon and a line graph.

Research

A small version of the coworking space icon, showing a blue house with a glowing yellow lightbulb inside.

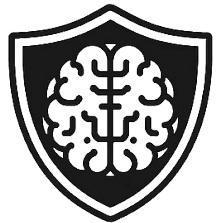
Coworking Space

A small version of the field building icon, showing a red megaphone with sound waves.

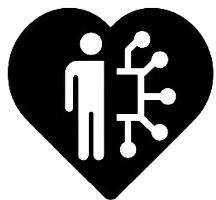
Field Building



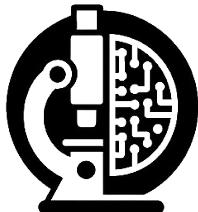
Research Directions



Science of Robustness



Value Alignment



Model Evaluation



FAR AI Research Directions



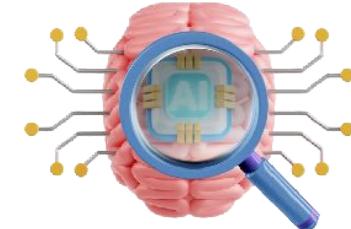
*Science of
Robustness*



*Value
Alignment*



*Model
Evaluation*





Thank you!

Questions?