

# Pen-to-Paper & the Finished Report



The (Often Overlooked) Key  
to Generating Threat Intelligence

# Who am I?

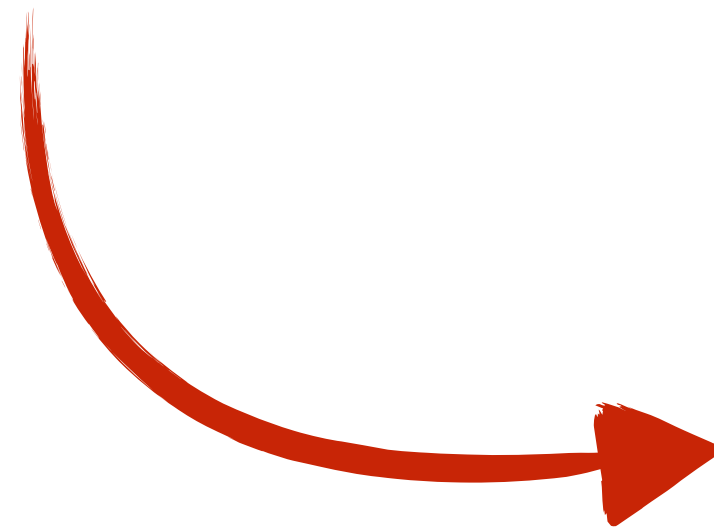
## Christian Paredes (@cyint\_dude)

- \* Booz Allen Hamilton since ~2010
- \* threat intel @ BAH since ~2012
- \* threat intel analysis & program build

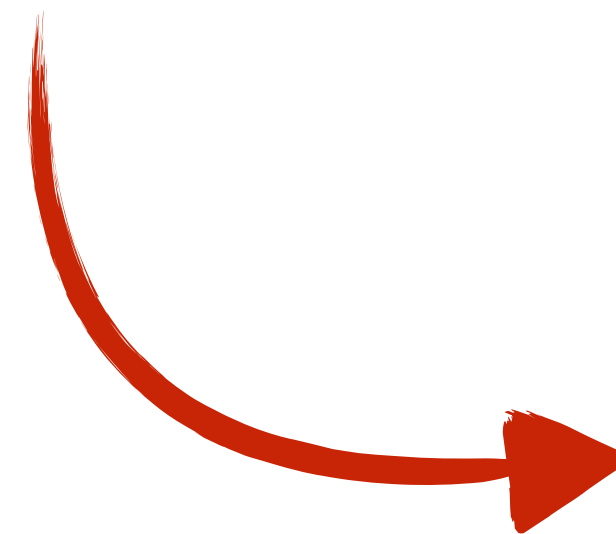
# consumption



# analysis



???



# ACTION

**finished reporting** is the *only*

**way to:**

- \* memorialize analysis; make it transparent and accessible**
- \* preserve knowledge**
- \* create accountability**



**Matt Haig** ✓

@matthaig1



**Follow**

## WRITING TIPS:

- 1) Stare out of window.
- 2) Feel a bit sad.
- 3) Open a Word doc.
- 4) Stare at its Arctic blankness.
- 5) Sigh.
- 6) Go on Twitter.

RETWEETS

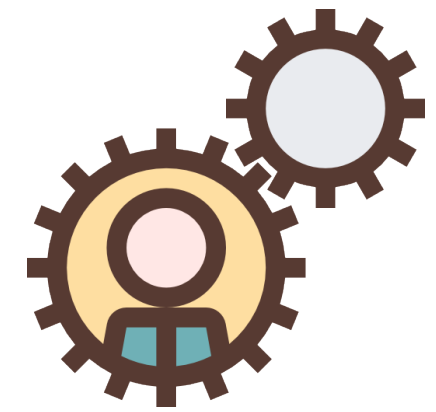
**1,574**

LIKES

**2,536**



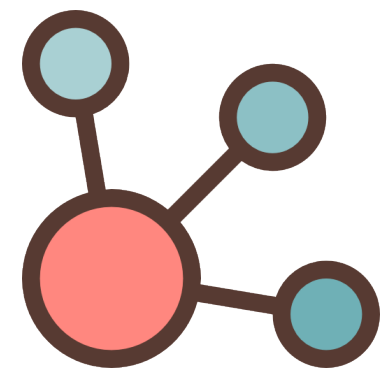
9:33 AM - 19 Sep 2016



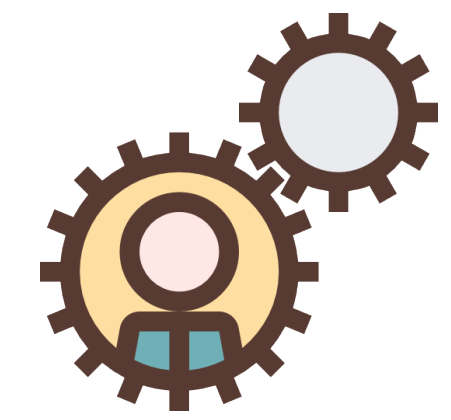
**Process** faults



**Cognitive** limitations



**Complexity** of threats



*A funny  
contradiction...*

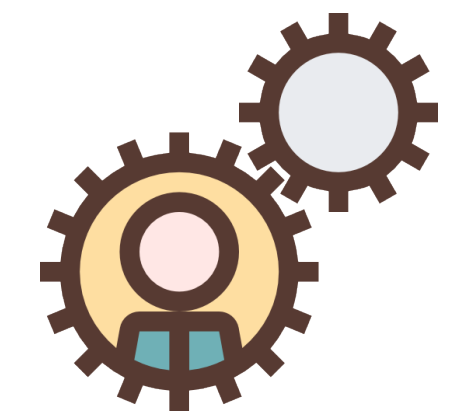
What we **say**



**IOC** **!=** Intelligence!

Context is king!





*A funny  
contradiction...*

What we **say**

*and...*

What we **do**



**IOC** != Intelligence!

Context is king!



1. Investigate!

2. Lots of notes, **IOC**

3. ~ fin ~

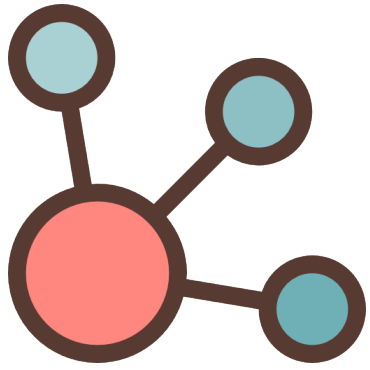




**“The capacity of working memory is **tiny**: it can only deal with about **seven** items of information at once.”**



**Richard S. Sinclair, “Thinking and Writing: Cognitive Science and Intelligence Analysis,”  
Center for The Study of Intelligence, Central Intelligence Agency, 1984**



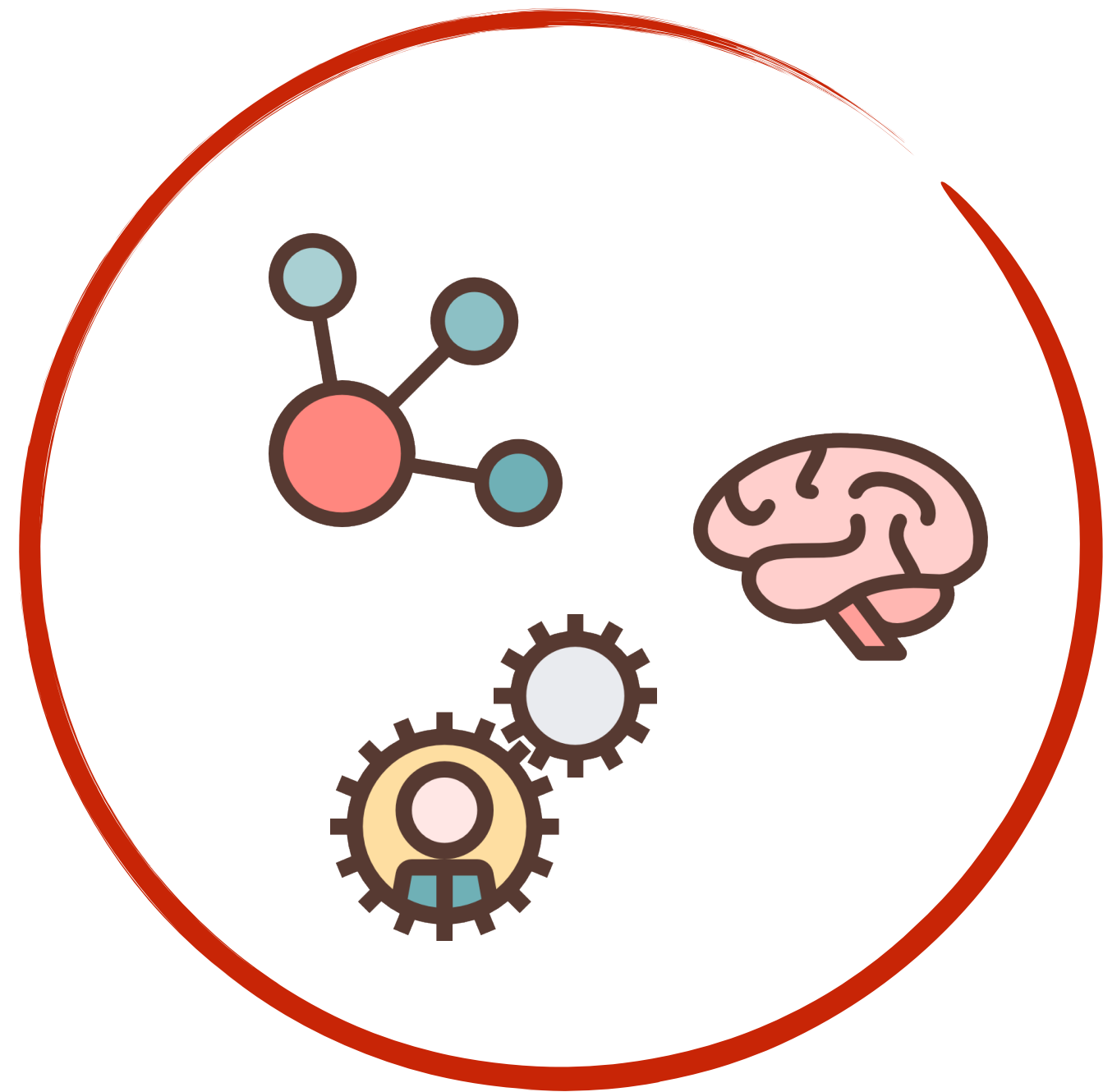
# *Complex threats\* → Tough questions*

- \* Bangladesh Bank  
SWIFT heist
- \* DNC hack
- \* GRIZZLY STEPPE

- \* What happened?
- \* Are we at risk?
- \* Can we detect or  
prevent this threat?

\* ough, 2016.

# challenges



# result in...

- \* “analytic fragments”
- \* undocumented analysis
- \* unshared knowledge
- \* lack of continuity

**“If we did nothing but marvel at  
the achievements of our minds  
we would leave a lot left unsaid.”**



**Richard S. Sinclair, “Thinking and Writing: Cognitive Science and Intelligence Analysis,”  
Center for The Study of Intelligence, Central Intelligence Agency, 1984**

the finished report





**Jack Crook**  
@jackcr



**Following**

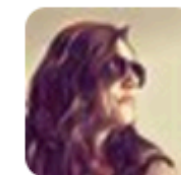
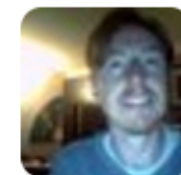
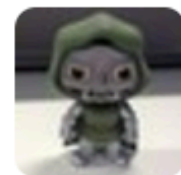
Write down everything you know about an adversary (tools and TTP's). Determine what you can accurately detect and hunt for what you can't.

RETWEETS

**10**

LIKES

**14**



5:04 AM - 9 Aug 2016



10

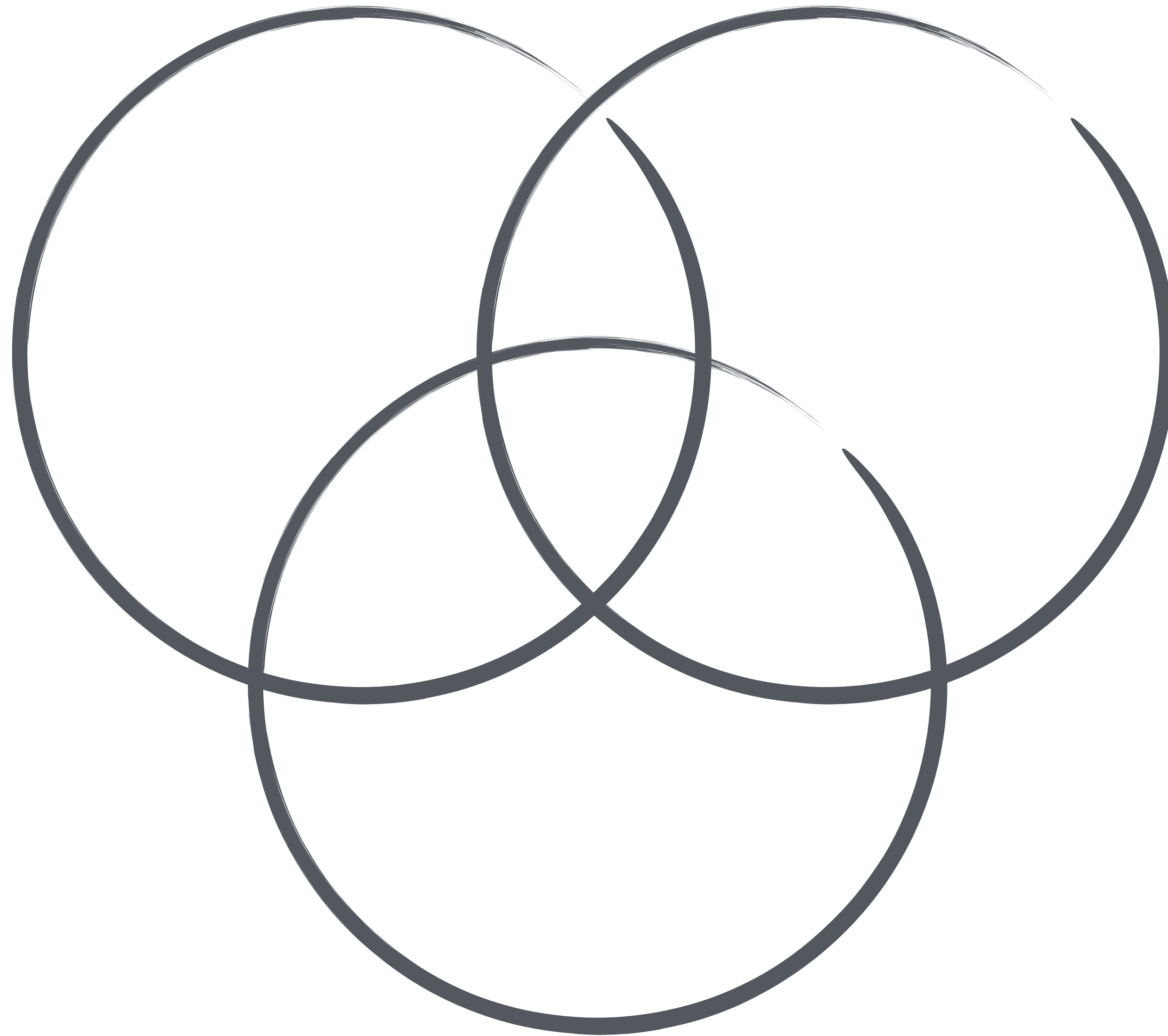


14



Structure

Style

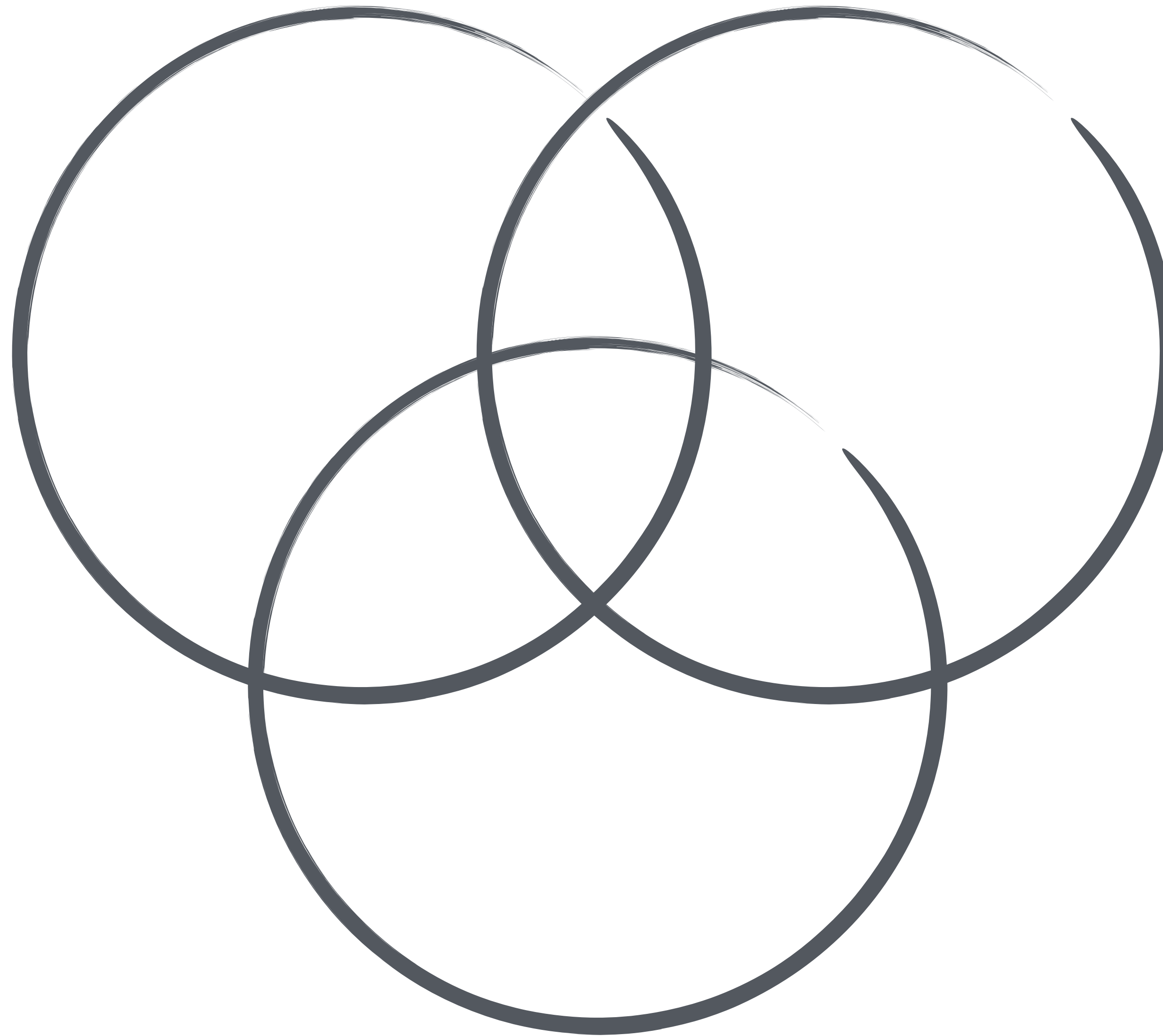


So what?



# Structure

- \* Title
- \* Summary & key points
- \* Logical flow

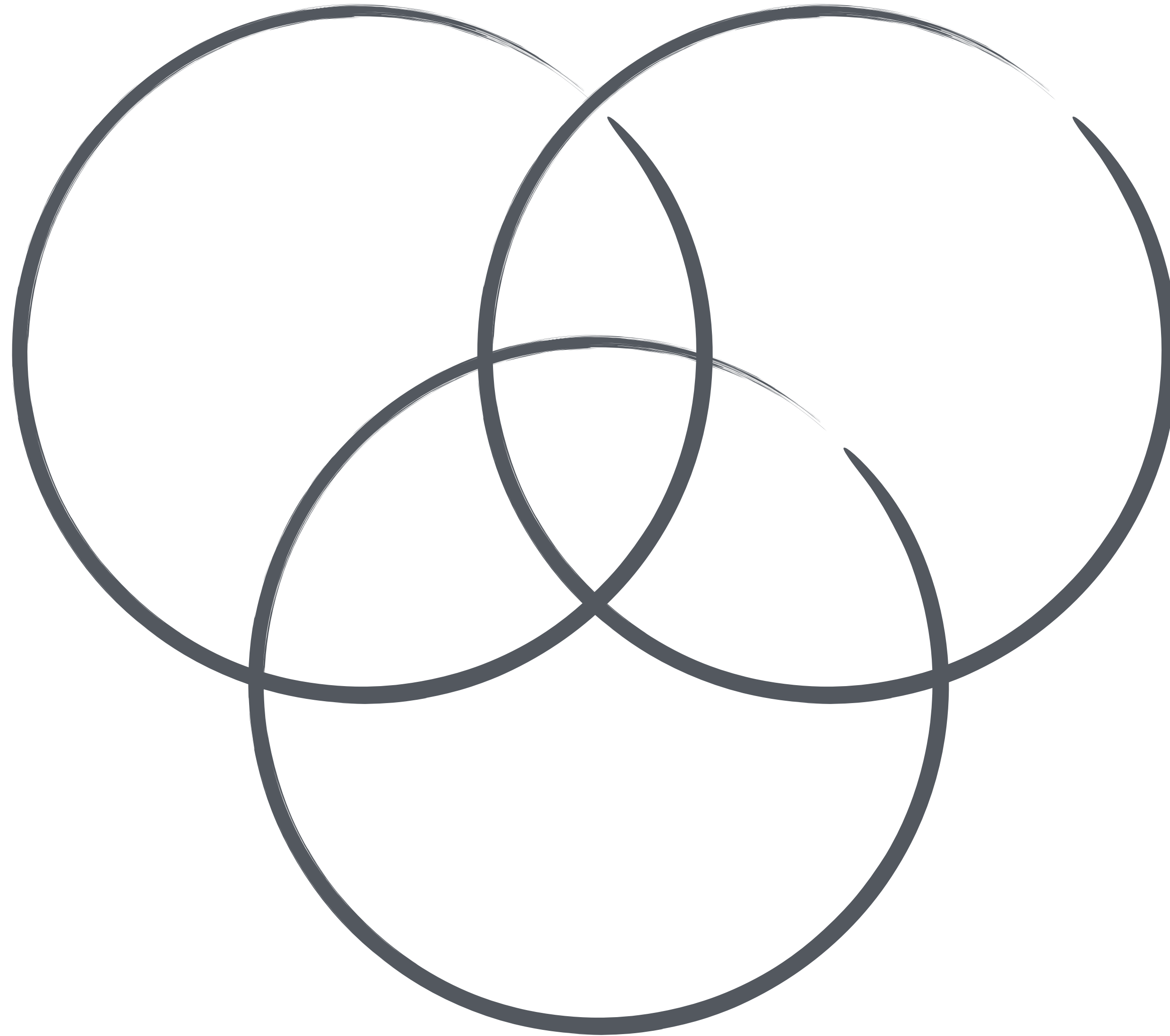


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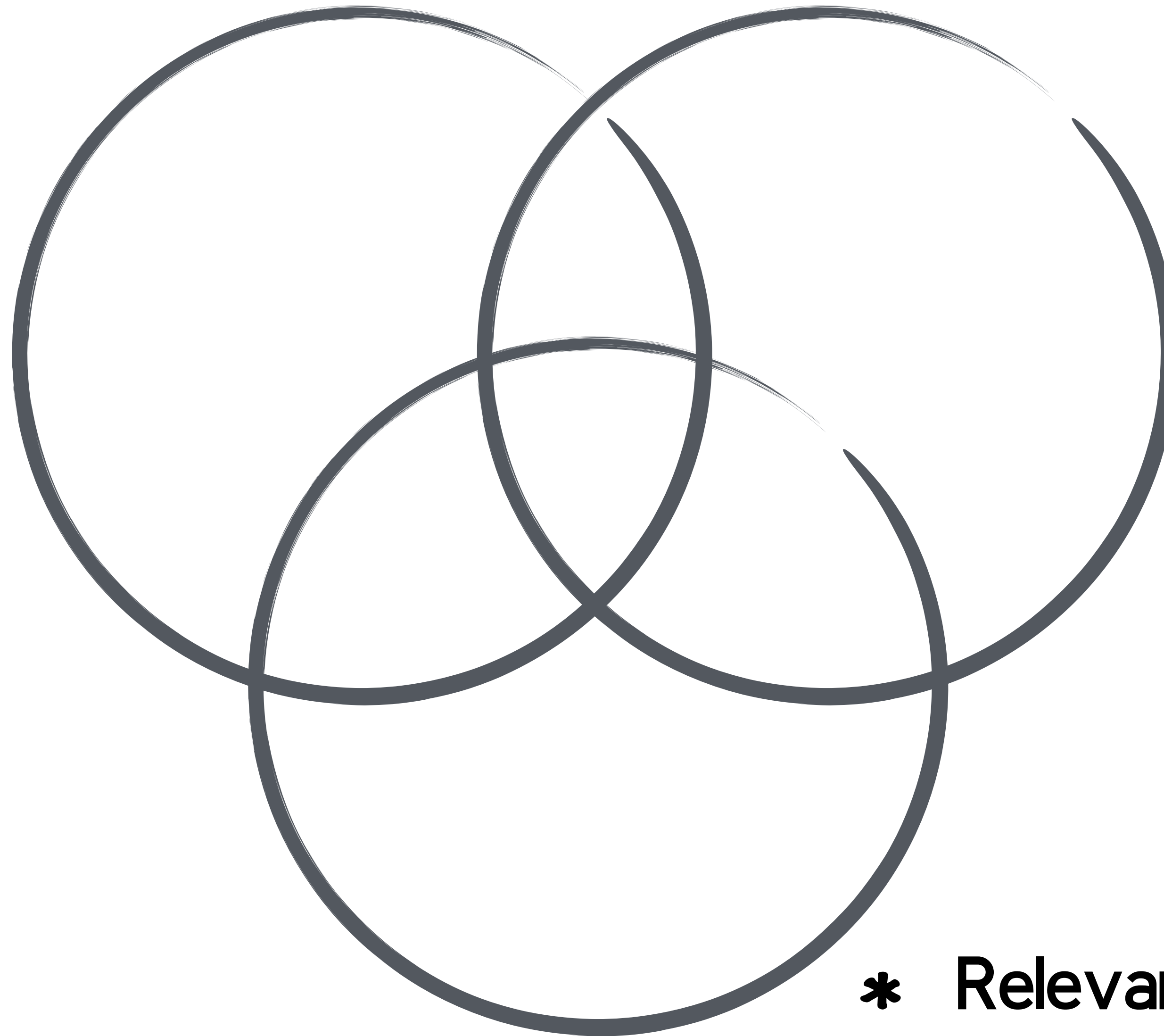
# Style

- \* Complete sentences
- \* Tailored to audience
- \* Conversational prose

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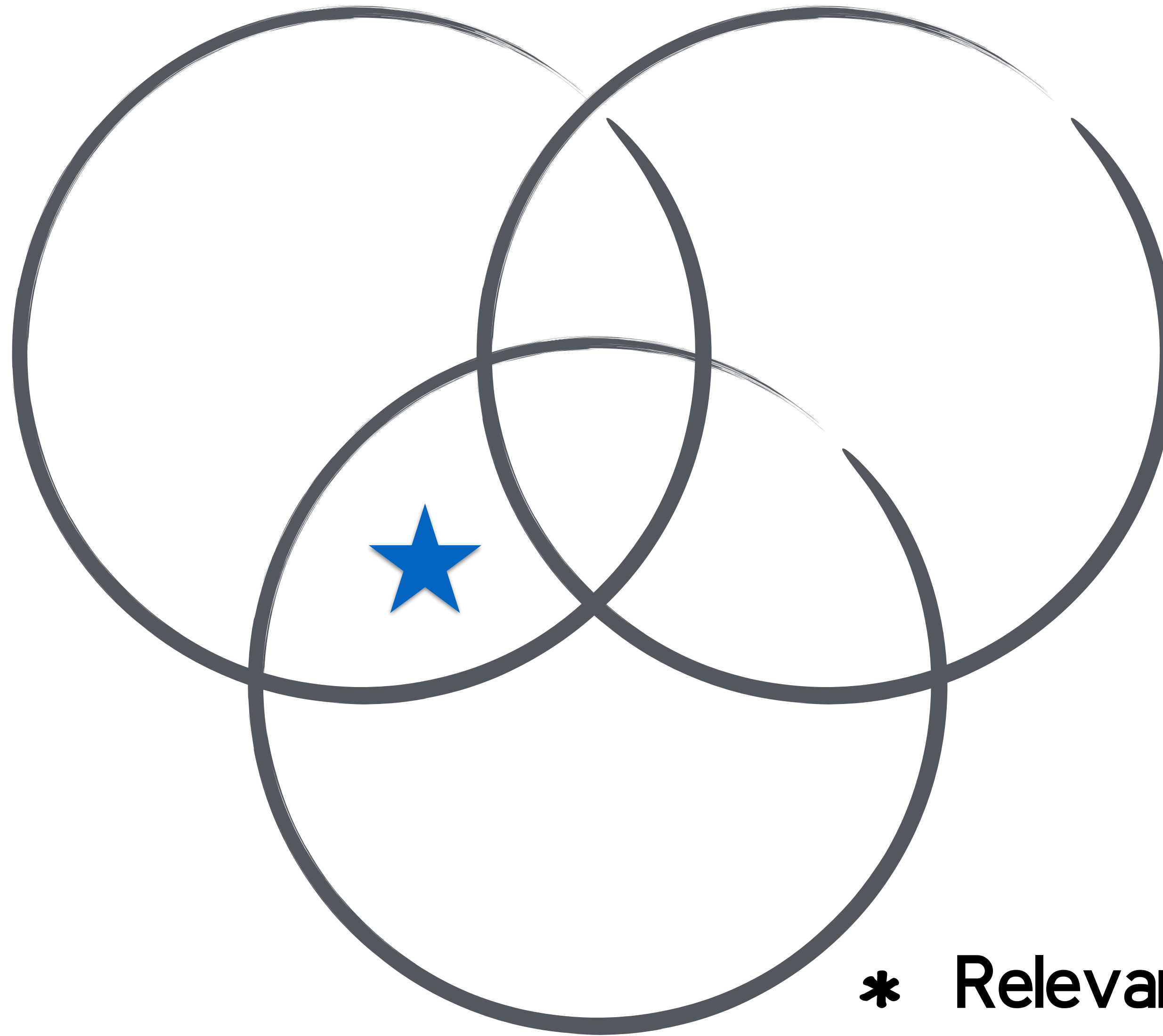
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# So what?

- \* Relevant!
- \* Opportunities for the organization

# Structure

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# Style

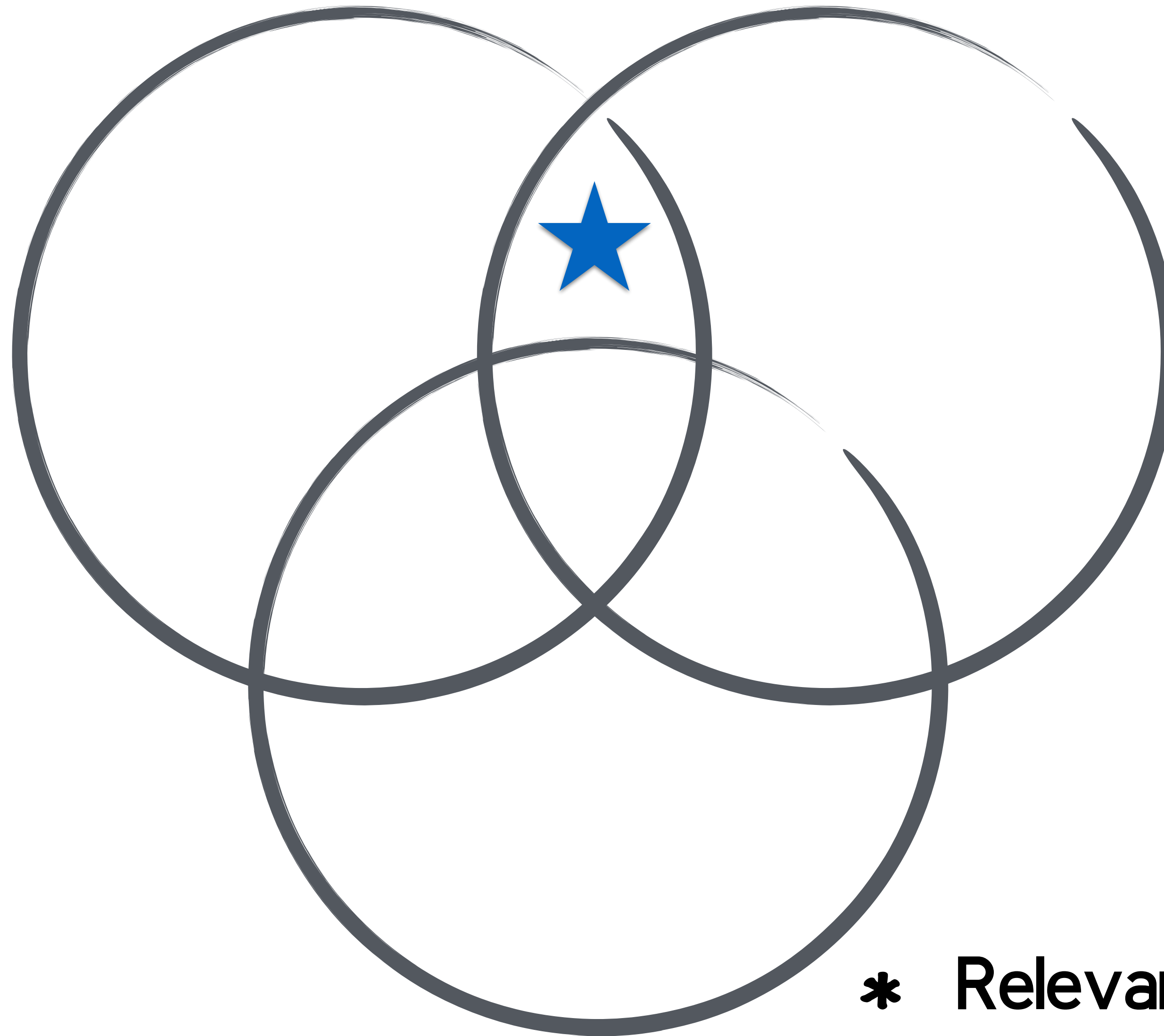
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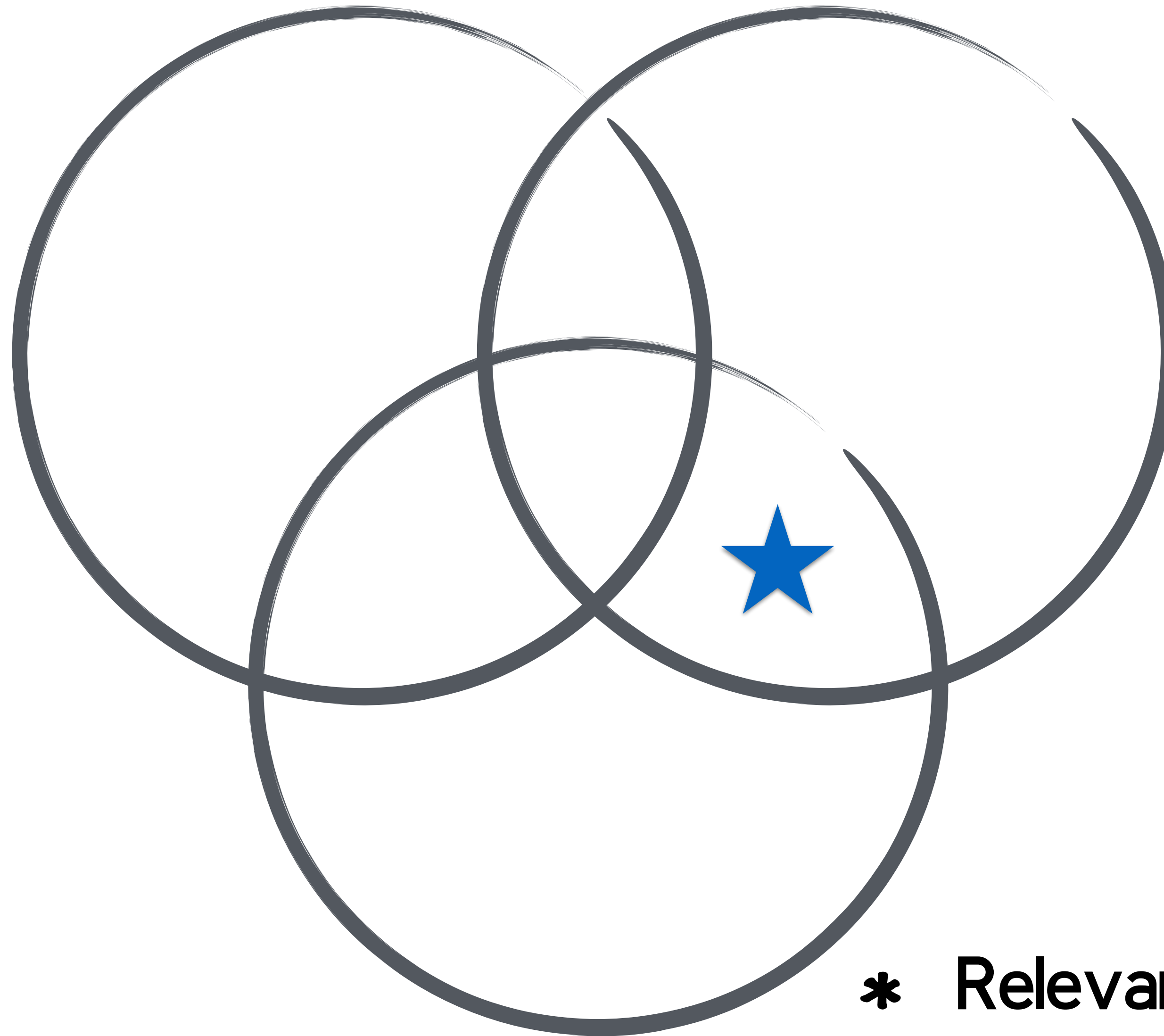
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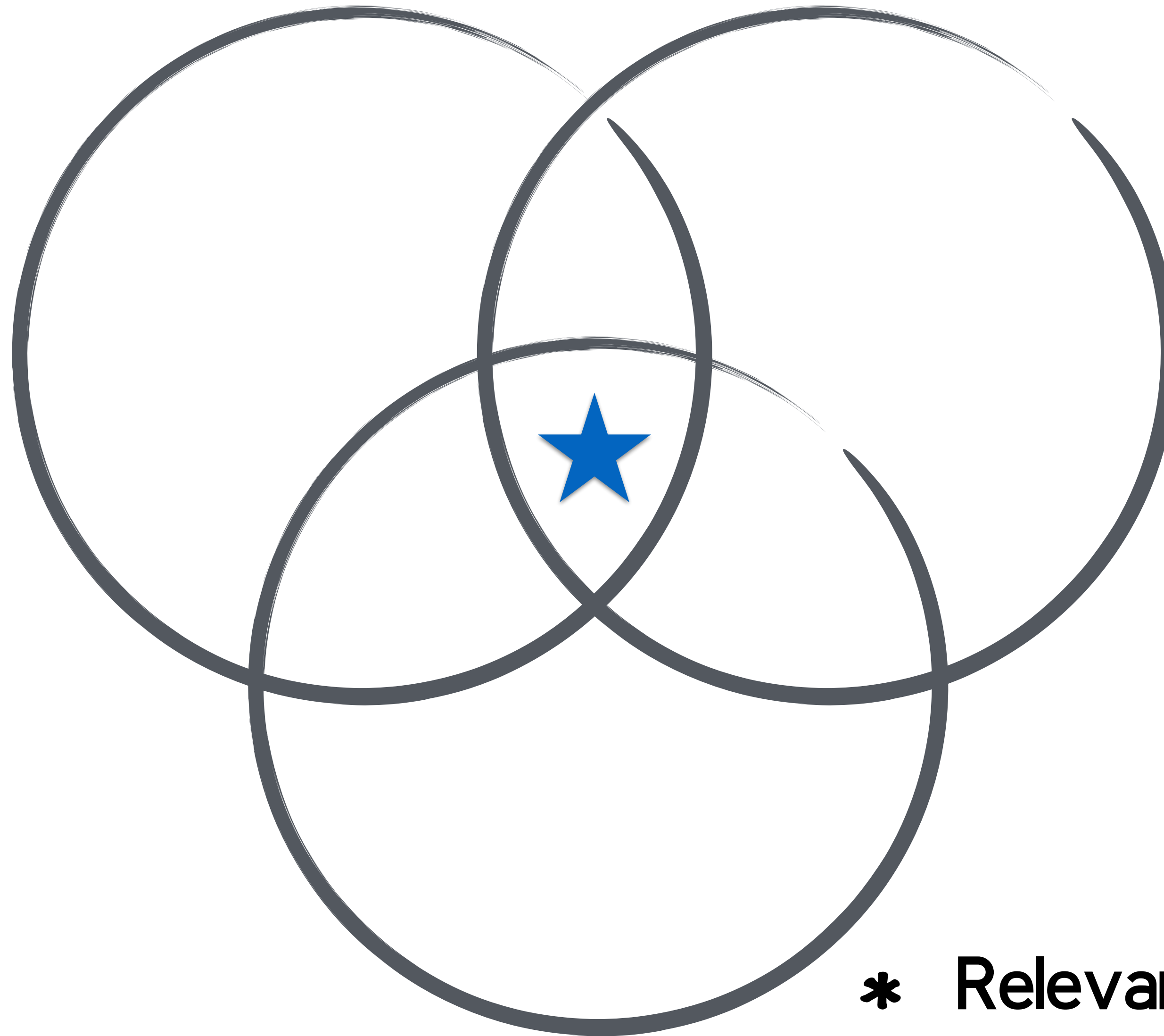
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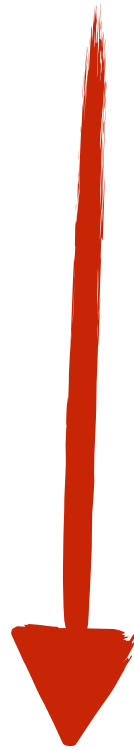
generating the  
finished report



*TI Program*



Institutionalize  
writing as critical  
tradecraft



*TI Analyst*



Hone writing skills

*T/ Program* { Institutionalize  
writing as critical  
tradecraft

*T/ Analyst* { Hone writing skills

~ tradecraft ~

*What is it?*

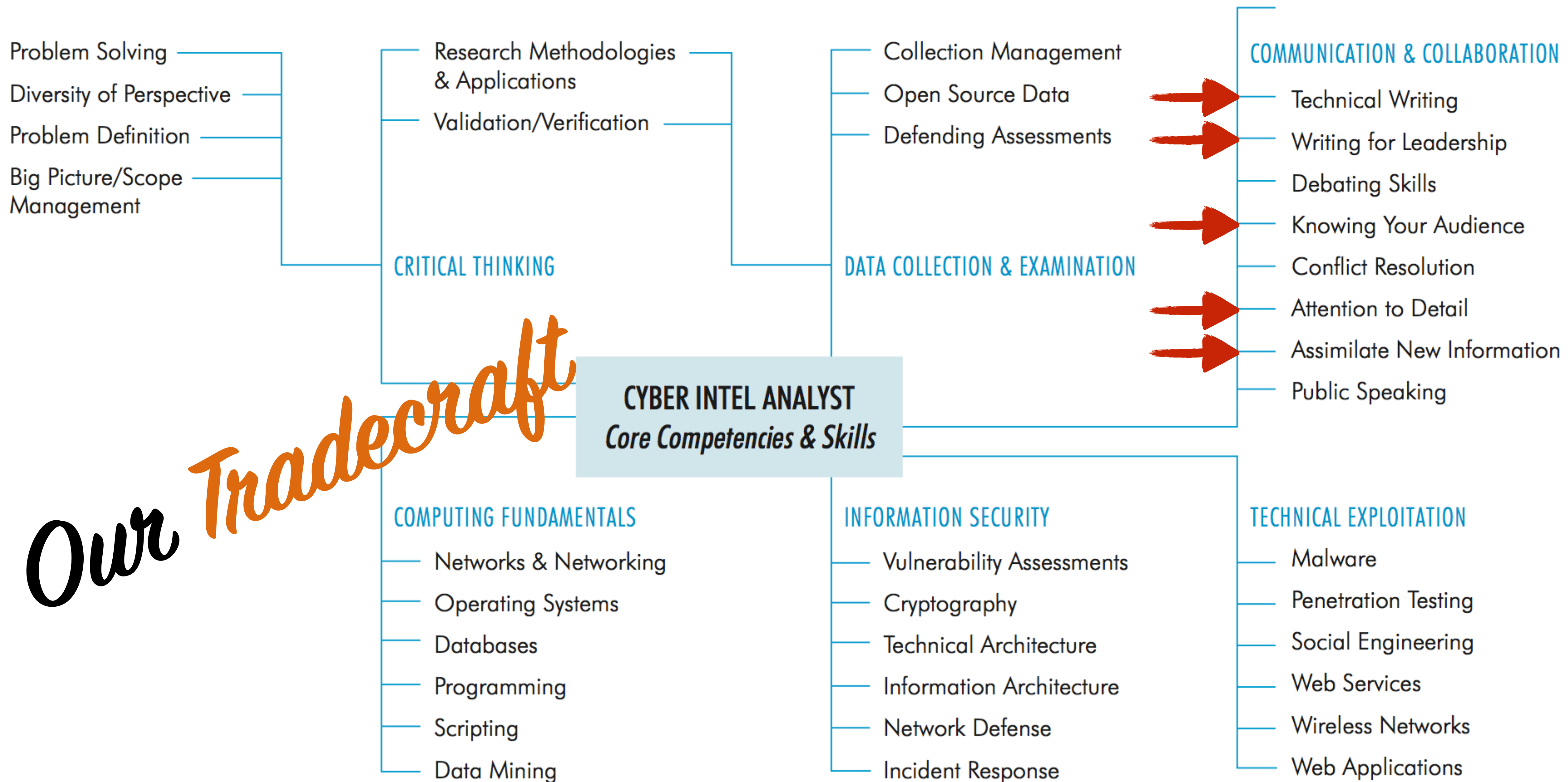




Hmm...



Our Tradecraft



**“Good intelligence depends in large measure on clear, concise writing...The information CIA gathers and the analysis it produces mean little if we cannot convey them effectively.”**



**Style Manual and Writers Guide for Intelligence Publications, Central Intelligence Agency**



*TI Program* { Institutionalize  
writing as critical  
tradecraft

*TI Analyst* { Hone writing skills

# *Really old school...*

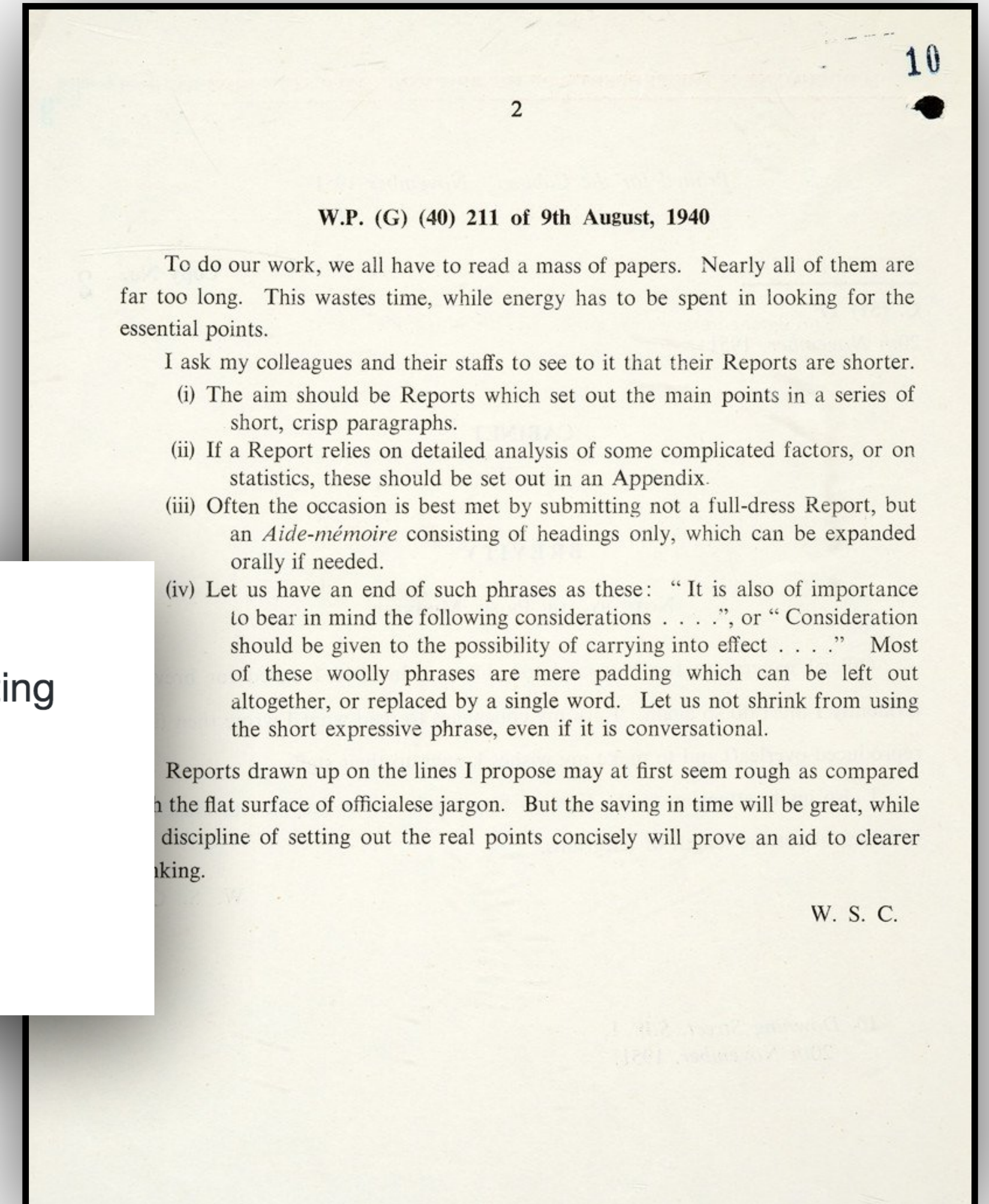
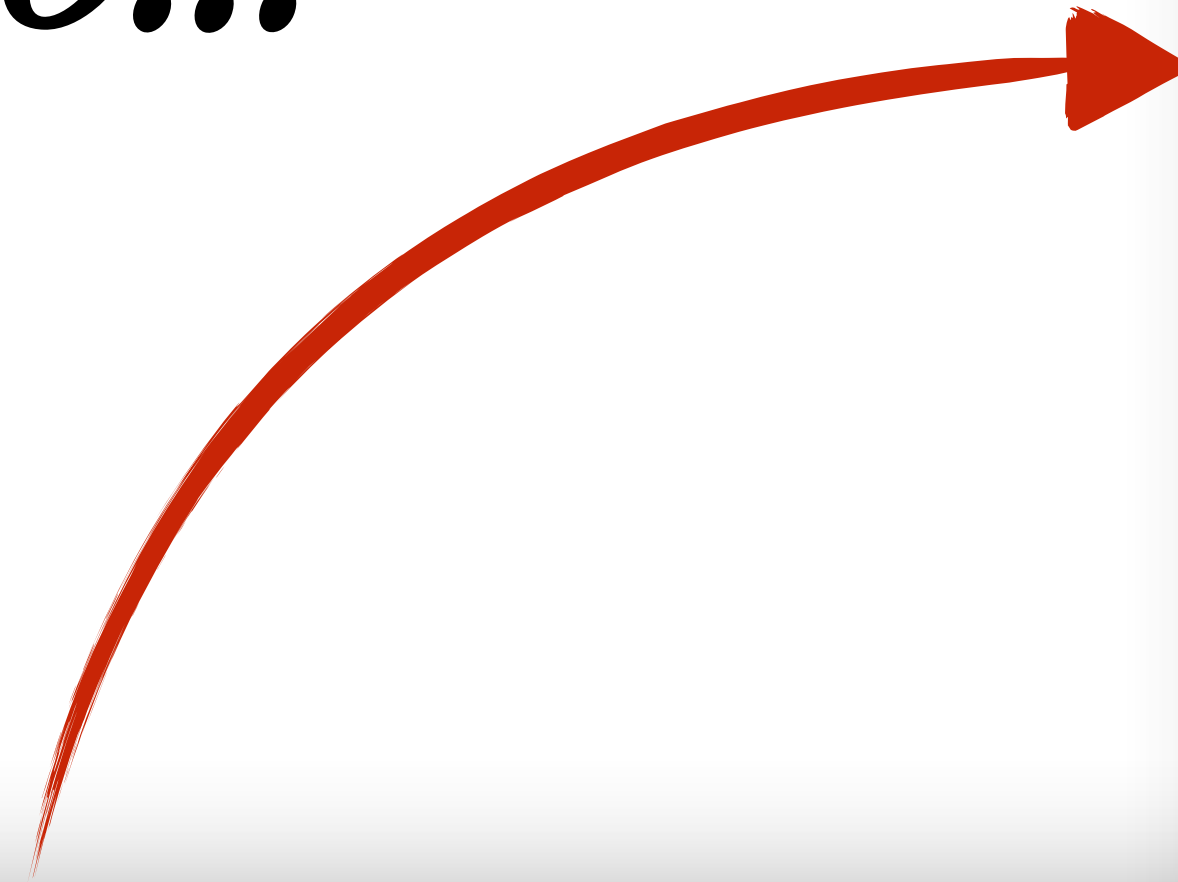
“Reading maketh a full man;  
conference a ready man; and  
writing an exact man...**If a man  
write little, he had need have a  
great memory....**”

Francis Bacon, “On Studies,” early 1600s






# Old school...



**Cabinet Office** @cabinetofficeuk · 30 Nov 2016

Winston Churchill was born [#onthisday](#) in 1874. Read the writing advice he sent to his officials when he was Prime Minister   
[#CO100](#)

UK Civil Service

↩ 63

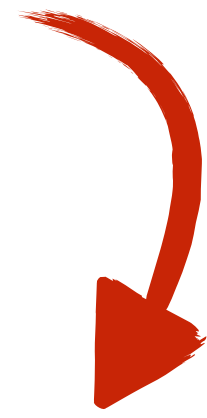
↻ 1.8K

❤ 1.9K





# *A modern formula*



“Tell me what you **know**. Tell me what you **don't know**. And then...tell me what you **think**...I will hold you accountable.”

Secretary of State Colin Powell  
September 13, 2004, Intelligence Reform Hearing



What you *know*



notes, analytic  
fragments

What you  
*don't know*



information gaps

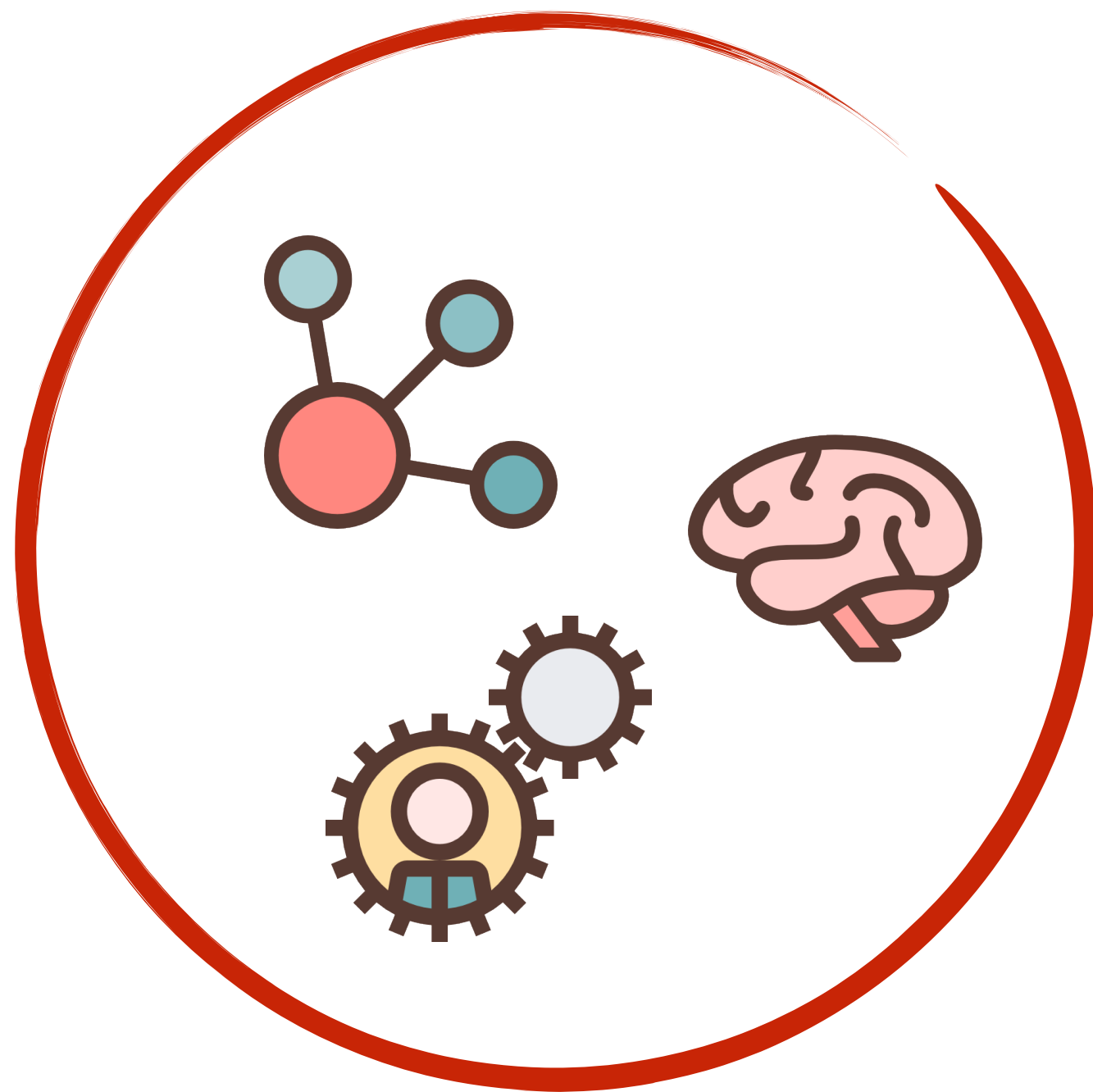
What you *think*



our assessments!

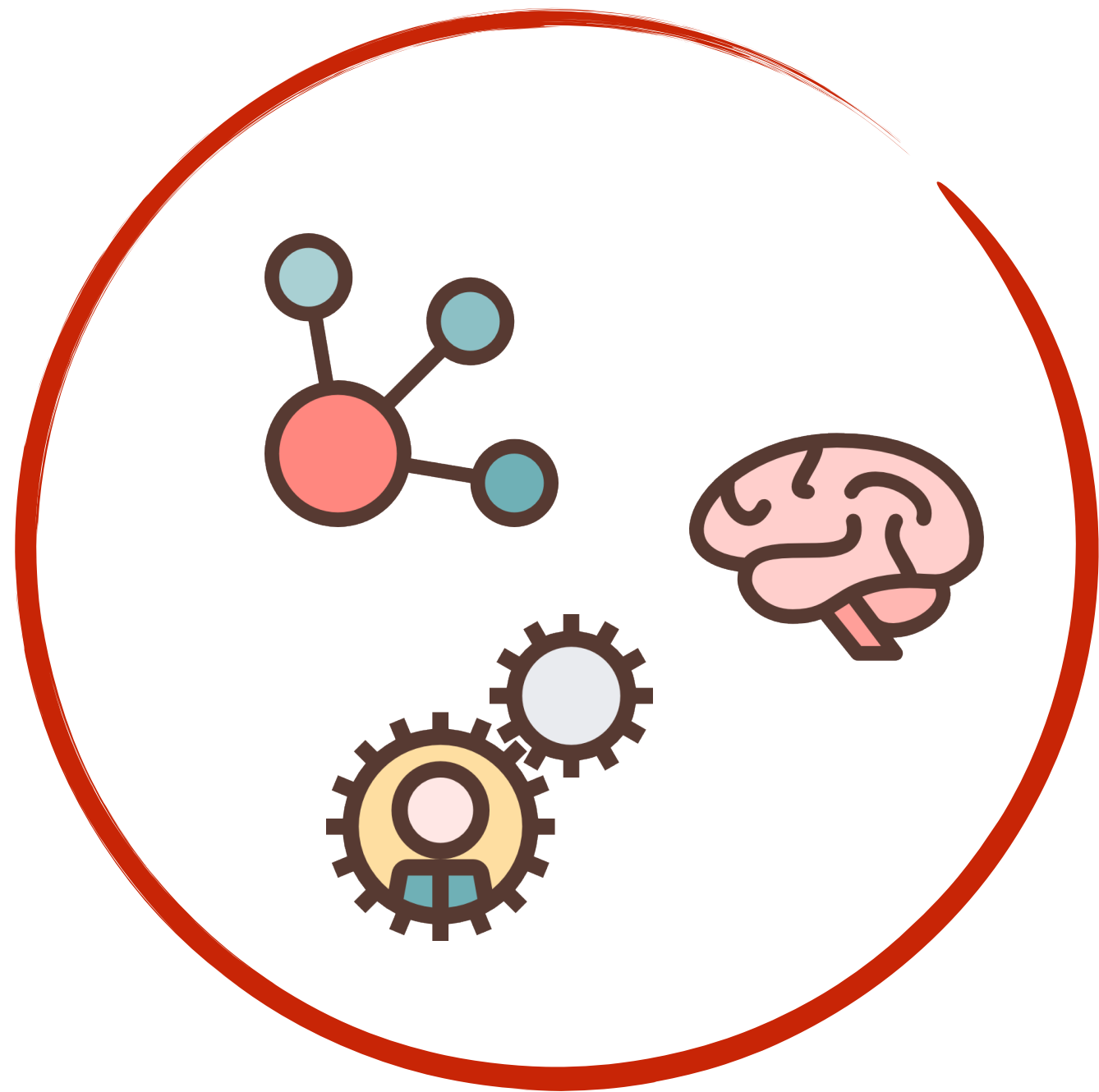
# Finished reports...

- \* memorialize our knowledge of threats
- \* make knowledge accessible and transparent
- \* help drive action
- \* hold analysts accountable
- \* demonstrate value to the organization





# Try this tomorrow...



- \* commit pen to paper
- \* structure + style + so what
- \* know + don't know + think
- \* heed the old school advice!

# Writing resources...

- \* Analytic Thinking & Presentation For Intelligence Producers, CIA**
- \* Intelligence Community Directive 203**
- \* The Economist**