

# Prompt Engineering

## **Agenda**

O1 Structure

02 Context

**03** Advanced Parameters





# Structure N





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- How can ask an AI the right question?
- What can we do to provide constraints on an answer?

PE-Asking He right Question, Providing a "road" to follow.

Sequencing Role Train of hought Gring Cham

Boundaries Ask for a

Mold

Tone

Direct Language

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#### **Structure**

#### Phrase the question

- Clarity: clearly define what you want, or how the result should be formatted.
- Constraints: give limits to the desired result, like a word-count or tone.
- Be Precise: use direct questions and avoid unnecessary words or ideas.
- Control Bias: use unbiased language in the prompt and ask for unbiased answers.



# **Context**





### Context - the current Scenario

- What context may be important to include in a prompt?
- How can we encourage an answer to address or be appropriate for a specific context?

Troop of Sequence - Iterative thought Sequence - Refinement Examples - Situational Examples Templates/ Inferences Problems/ Défine lle - Petalls answers Time + Place Formatting "As an exprt"/
"us a beginni" ( ) roleploy

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### **Context**

- Explain: give enough details or example to the AI to make decision.
- Reflect: ask yourself "Could I understand this if I the AI?"
- Define: use accurate and appropriate terminology to provide tone.
- Specify: ask for the result to match an intended purpose.
- Exclusion/Inclusion: indicate topics/ideas to address in the result.
- Explainability: instruct the AI to give a breakdown of reasoning or steps.



# Advanced Parameters N





### **Advanced Parameters**

- Model
- Temperature
- Nucleus Sampling/Top-p
- Max Tokens
- Stop Sequences
- Roles

- Iterations
- Zero/Few Shot
- Fine Tuning
- Prompt Prompting



## Thank You!

