



# Prompt Engineering

# Agenda

- 01** Structure
- 02** Context
- 03** Advanced Parameters



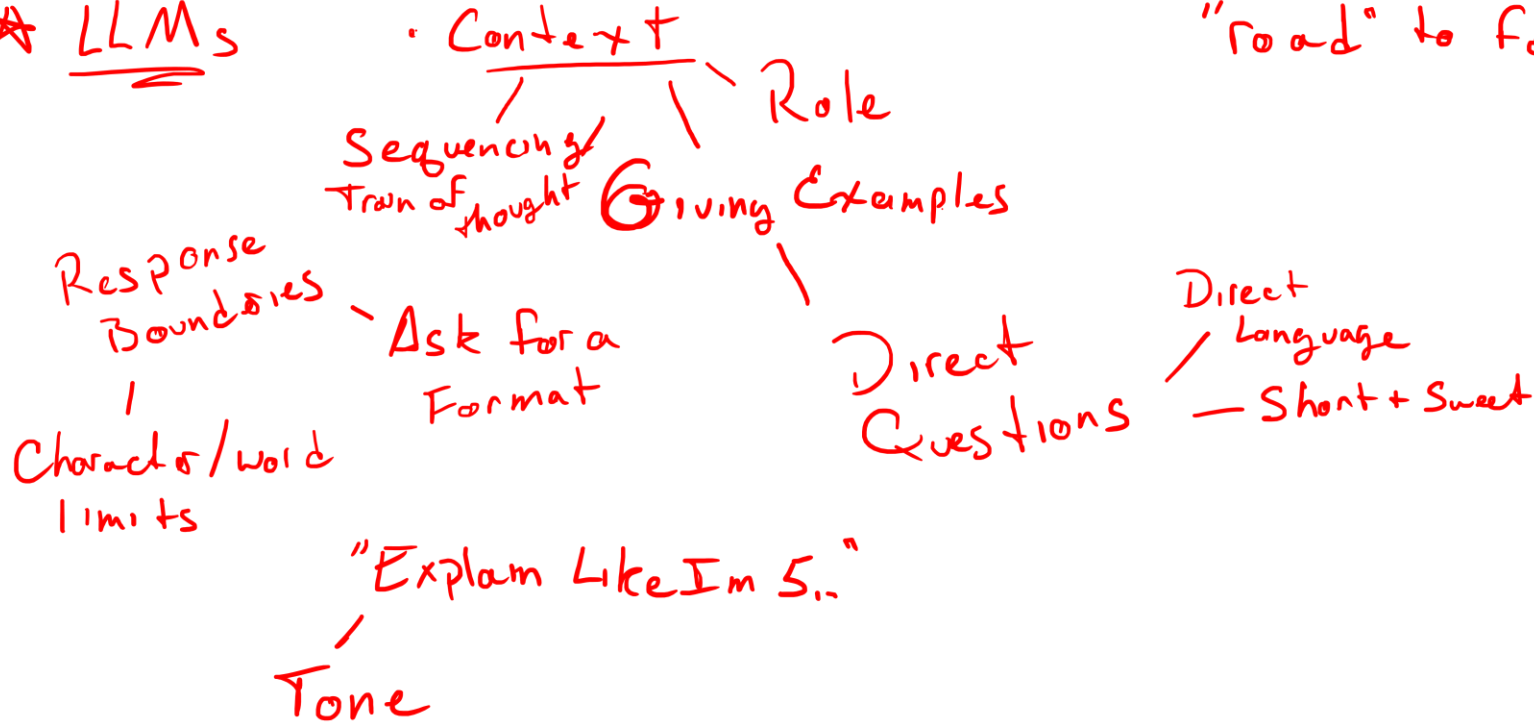
# Structure



## Structure

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

★ LLMs



PE - Asking the right Question, providing a "road" to follow.

# Structure

## Phrase the question

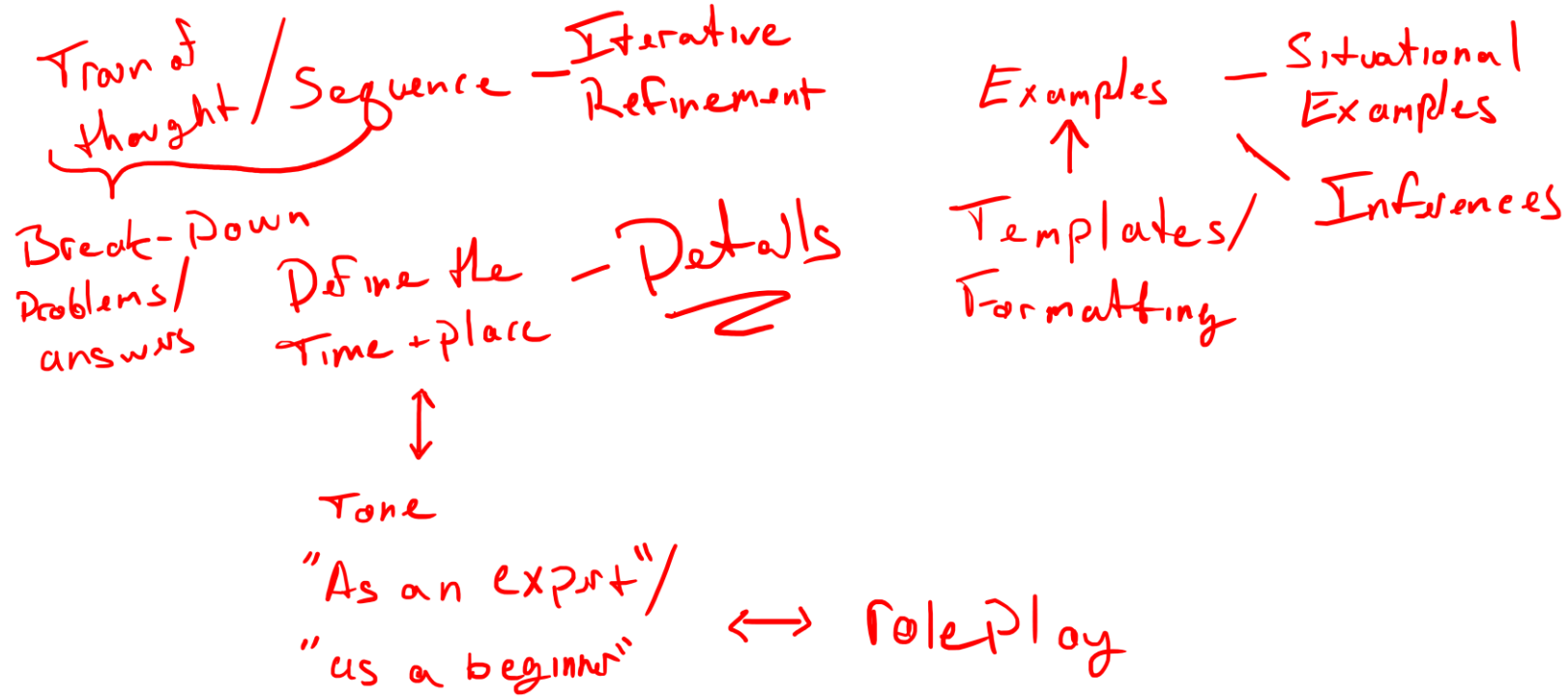
- Clarity: clearly define what you want, or how the result should be formatted.
- Constraints: give limits to the desired result, like a word-count or tone.
- Be Precise: use direct questions and avoid unnecessary words or ideas.
- Control Bias: use unbiased language in the prompt and ask for unbiased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



# 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



# Advanced Parameters

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

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

# Thank You!