**Notes:**

**Prompt Engineering:**

* Prompts can have: input/context, instructions, questions, examples and output format
* Use cases: summarisation, classification, translation, text generation/completion, question/answering, coaching and image generation
* Tips:
  + Use direct instructions
  + Provide any relevant information or data as context
  + Give examples
  + Specify the output format
  + Encourage the model to be factual
  + Align prompt instructions with end goal of task
  + Use personas to get more specific voices
* Controlling output using prompting techniques:
  + Length control
  + Tone control
  + Style control
  + Audience control
  + Scenario-based guiding
  + Chain of thought prompting
  + Avoid hallucinations

**Prompt Engineering pt2:**

* Add the task to the prompt, then the context and audience, then the persona, then the format and finally some training examples -> few-shot prompting
* Define the output format clearly
* Use instructions instead of constraints
* Build a personal prompt library
* Step-back prompting -> target the problem first, then the AI can come up with a more innovative result
* Create AI agents for specific roles
* Meta prompting asking the AI to give you prompts