



Prompt Engineering: Retrieval-Based methods

- Useful when you can not fit all information into the system prompt / context window

.Cheddar!

- Solutions:
- Use tool calls to retrieve information!
- RAG (Retrieval-augmented generation) ({raguard} in R!)

- Possible future work for Shiny Assistant
  - “I’m not aware how this installed package operates...  
Teach myself kung-fu!”

# Prompt Engineering: Retrieval-Based methods

- Useful when you can not fit all information into the system prompt / context window
- Cheaper!
- Solutions:
  - Use tool calls to retrieve information!
  - RAG (Retrieval-augmented generation) (`{ragnar}` in R!)
- Possible future work for Shiny Assistant
  - “I’m not aware how this installed package operates... Teach myself kung-fu!”

# AI : Training your LLM client in Two Function Calls

- Use [pyright](#) to export type stubs
- Use [repomix](#) to rollup the type stubs
- Fine-tune client with newly created context

-  [Slides](#)
-  [posit-dev/posit-sdk-py](#)
-  [posit-dev/connect-extensions](#)
-  [posit-dev/chatlas](#)

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