GenAl Coding

Cheat Sheet







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- Groq API
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- Gemini API
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- Huggingface Models

B. Unified LLM Interface (to access any LLM Providers)

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C. Prompt Engineering

- Basic Prompt Engineering
- Chain-of-Thought (CoT)
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- Graph Prompting
- Recursive Prompting
- Automatic Prompt Engineering
- Automatic Reasoning and Tool Usages (ART)

D. Retrieval Augmented Generation (RAG)

- Basic RAG
- Re-Ranking RAG
- Hybrid Search RAG
- Multi-Index RAG
- Query Transformation
- Adaptive RAG
- Corrective RAG
- Self-Adaptive RAG
- Hypothetical Document Embedding (HyDE)

E. Agentic Al

- CrewAl
- LangGraph
- Agno

F. Fine Tuning

• <u>Different Methods</u>