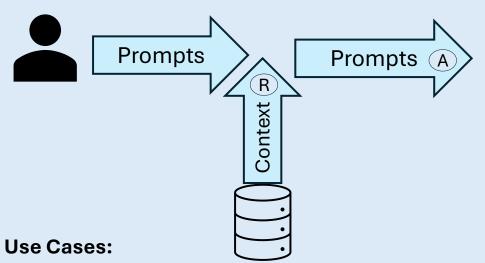
GenAl Projects: RAG (Retrieval Augmentation Generation)



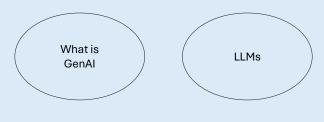




Generation

- 1. Enterprise Knowledge Management
- 2. Customer Support Automation
- 3. Legal & Compliance Research
- 4. Financial & Investment Advisory
- 5. Scientific Research & Drug Discovery
- 6. Personalized Education & Tutoring
- 7. Media & Content Generation
- 8. Code Assistance & Debugging
- 9. E-commerce Product Recommendations
- 10. Healthcare & Medical Assistance

Prerequisites:



Zero and Few Shots prompts

How to write and Optimize Prompt

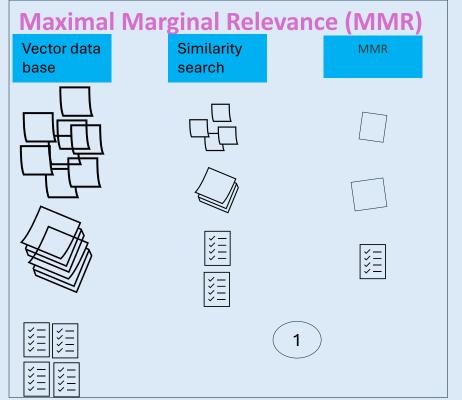
Limitations:

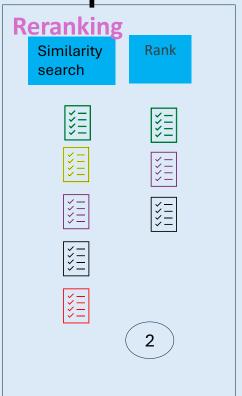
- Retrieval Quality Issues
- **Ranking Limitations**
- Latency & Computational Overhead 3.
- 4. Knowledge Cutoff & Staleness
- Hallucination & Misinformation
- Data Security & Privacy Risks
- Scalability Challenges
- **Domain-Specific Adaptation**
- Integration Complexity 9.
- Dependency on External Sources

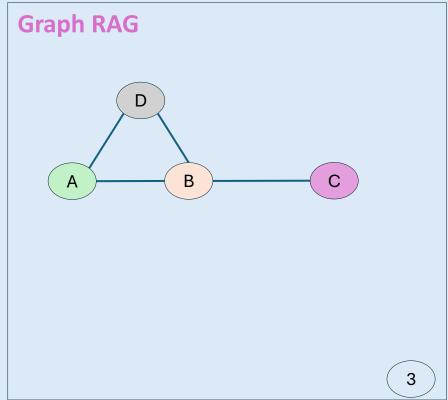
Hands on:

- 1. Using any free LLMs
- 2. Using Python code

RAG: Advance feature specific to 'R'







Similar Questions

Asking LLM to generate more similar questions

4

Similar Responses

Asking LLM to generate generic answer then get similar response from VDB