

Multi-Agent System for Research using CrewAI

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Prerequisite

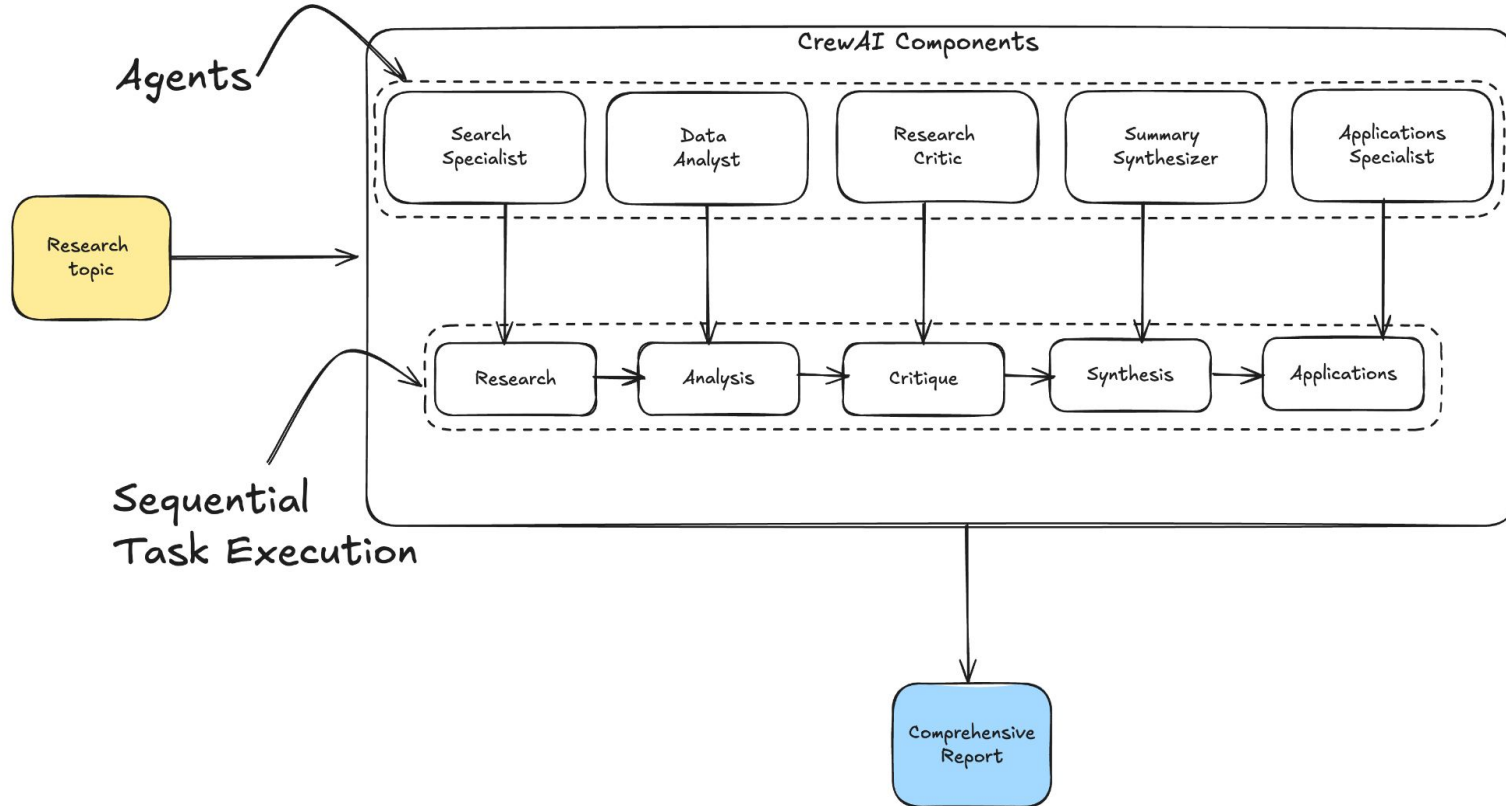
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1. Python 3.9+
 2. OpenAI API Key
 3. `pip install crewai langchain langchain_community`

Problem Statement

To aid the process of doing literature review, for writing any comprehensive research paper, let's create an agentic system. The features of agentic system would be:

1. Automate the process of identifying key research papers.
2. Analyze the methodologies and findings within them.
3. Critically evaluate limitations and biases.
4. Synthesize insights into a coherent narrative.
5. Suggest practical applications.

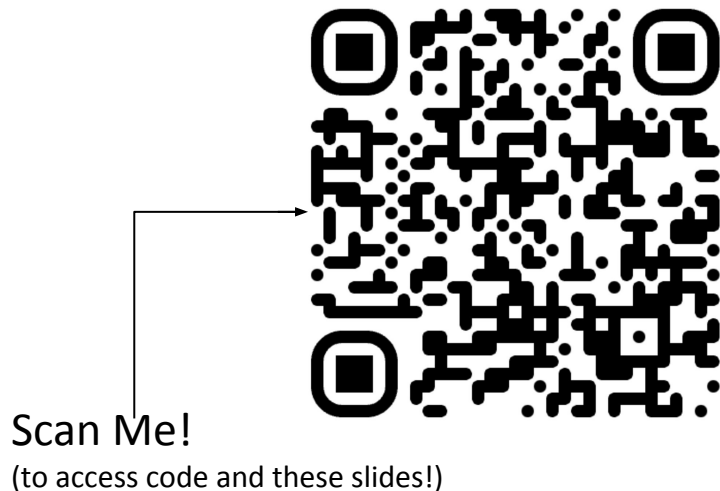
Solution (Architecture)



Solution (Demo)

References

1. <https://github.com/crewAIInc/crewAI> (official website!)
2. <https://www.ibm.com/think/topics/crew-ai> (introduction on crewai framework)
3. <https://www.youtube.com/watch?v=sPzc6hMg7So> (short crash course on crewai)



Thank you!