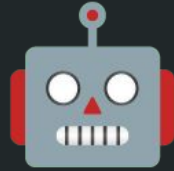


# AI Researcher



*With Langgraph Agents & Tools*

**Write ready-to-publish Research  
Papers in 2-3 minutes**

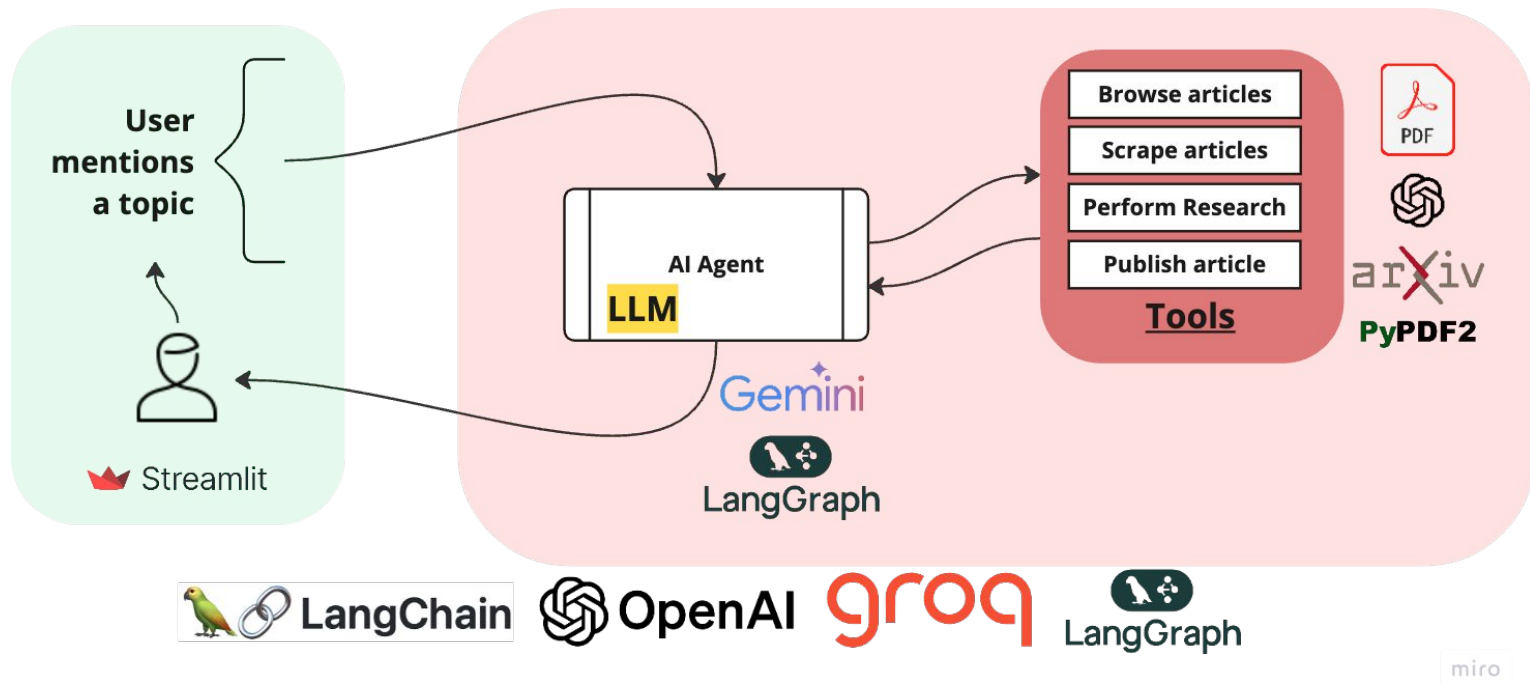
**(100% Free)**

# Topics Covered

- AI Agents with Langgraph (*Nodes & Edges*)
- Agentic Workflow with Tools
- Agentic Web Scraping (*LLM: Gemini 2.5-Pro*)
- GenAI App development (langgraph, langchain, etc)
  - AI Agents
  - Agentic Workflow
  - Tools
- Streamlit (*Frontend*)
- Tools for AI Agent
  - Literature review with arXiv
  - Read & Scrape Papers
  - Ready-to-publish Research paper



# Technical Architecture



# Code Setup

## **Phase 1: Setup AI Agent & Tools**

- Setup tools
  - Setup retrieving relevant papers using arXiv tool
  - Setup read paper(PDF) online tool
  - Setup write PDF tool
- Setup Agent with langgraph

## **Phase 2: Setup Frontend**

- Setup Streamlit
- User is able to ask question
- Show response from Agent
- Show downloadable PDF (Final Research Paper)

## **Phase 3: Test everything together**

