

Topic 15: Tool calling and MCP

1. OpenAI Function Calling:
<https://openai.com/index/function-calling-and-other-api-updates>
2. Beginner-friendly guide explaining why function calling was introduced and how it works:
<https://datacamp.com/tutorial/open-ai-function-calling-tutorial>
3. Anthropic's announcement of MCP, an open standard for connecting AI assistants to tools and data sources: <https://www.anthropic.com/news/model-context-protocol>
4. OpenAI Function Calling with Elasticsearch: Practical blog showing how to use OpenAI's function calling to fetch real-time data from Elasticsearch:
<https://www.elastic.co/search-labs/blog/function-calling-with-elasticsearch>
5. Function calling: https://cookbook.openai.com/examples/fine_tuning_for_function_calling
6. Langchain tools: <https://python.langchain.com/docs/integrations/tools/>
7. Langchain function calling: https://python.langchain.com/docs/how_to/function_calling/