Al and Python - Ollama for Local LLM Al Usage	
This Still Isn't Al	
Al is a buzzword for investorsYou need a correct Frame of Reference to find solutionsTurning Objects into text	
Al is HARD, API's are NOT	
The smartest minds of a generation accessed with 10 lines of code	

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What is Ollama	
Framework for running LLM's on your local system	
Run from CLI REST API and cURL	
And Python ModuleModel Quantization	
Compression so it runs on your system	
 Personal llama2 experience https://symbl.ai/developers/blog/a-guide-to-quantization-in-llms/ 	
mtps//symb.aa/develope/s/blog/a-guide-to-quantization-in-iiiiis	
Models	
. Madela are trained for types of tasks	
 Models are trained for types of tasks. Smaller models run on worse machines 	
https://ollama.com/library	
• License -	
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Installing	
https://ollama.com/	
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Running from CLI	
• ollama	
• pull • list	
• run	
• /bye	
Python	
python3 -m pip install ollama	
Ollama must be running	
 Ollama configures to run at startup The model has to be downloaded, but does not need to be running 	
g	
Text - Prompting	
RolesExample = ollama-python.py	
- Example – Glama-python.py	

Image Recognition - LLaVA ollama pull llava • https://llava-vl.github.io/ • jpg or png • Example = ollama-image.py **cURL** curl --location 'http://localhost:11434/api/generate' \ --data '{ "model": "llama2:7b", "prompt": "what is a pbj sandwich", "stream": false }' Labs · lab-chat.py Talk to your Al · lab-chat-memory.py • Give your Al a memory · lab-image.py Create a Title, Description and CSV formatted Tags for image