

# Practical tools for your studies / Obsidian + Ollama

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## Obsidian? In short

... is a knowledge management software!

[Link to the official site](#)

## Obsidian?

- Not an open source software
- But free to the non-commercial, private usage
- Motto = "your thoughts and ideas belong to you" (see [Manifesto](#))

## Ollama? In a nutshell

... a Software, to run LLMs in your local environment

[link to the official site](#)

## Ollama?

- LLMs/VLMs are quantized (GGUF format)
- Language models run in the **local** environment!
- It is also possible to run your own language model with Ollama (a model must be quantized with llama.cpp and converted to GGUF format)

## A short demo with Ollama

# How can we use Ollama in Obsidian? - Plugins



## Zwo plugins

- LocalGPT
- Smart Second Brain

## How to install the plugins?

1. Install Obsidian & Ollama
2. Pull one model for the general purpose and another model for embedding

## How to pull a model in Ollama...

```
ollama pull [a model name like "llama3.2"]
```

You can chose a model from this list:

<https://ollama.com/library>

It depends on the performance of your laptop which model you can/should use...

## Install "community plugins" in Obsidian

1. Turn off the restriction mode
2. Browse the community plugins
3. Chose the plugins, "AI Providers", "LocalGPT" and "Smart Second Brain" to install

The plugin "LocalGPT" requires the plugin "AI Providers". Thus you have to install "AI Providers" either.

## Configure the plugins!