

Local AI Tutorial with LM Studio

LM Studio is a desktop program that lets you search for, download, and chat with AI models, all with a few clicks.

Step 1: Download and Install LM Studio


1. Go to the official website: <https://lmstudio.ai/>
2. Click the **"Download for Windows"** button. This will download an installer file (e.g., LM-Studio-Setup-x.xx.x.exe).
3. Find the downloaded file in your Downloads folder and double-click it to run the installation. The setup is straightforward; just follow the on-screen prompts.

Step 2: Find and Download Your First AI Model

1. When you first open LM Studio, you'll see a screen that lets you search for models. Think of this as a search engine for AI brains.
2. On the home screen, you'll see a search bar. Type in a model name. A great first model is **Gemma 2B Instruct** (a powerful, small model from Google).
3. A list of files will appear. These are different versions of the model. Look for files with **"GGUF"** in the name.
4. On the right side of the screen, you'll see different "quantization" options. This just means different sizes. A good choice for most modern computers is one with **Q4_K_M** in the name. It offers a great balance of speed and intelligence.
5. Click the **Download** button next to the version you've chosen. You can watch the download progress at the bottom of the application.

Step 3: Chat with Your AI

Once the download is complete, it's time for the fun part!

1. Click the **"Chat"** icon on the left-hand side (it looks like a speech bubble ).
2. At the very top of the screen, there's a button that says **"Select a model to load"**. Click it and choose the Gemma model you just downloaded.

3. The model will now load into your computer's memory. This might take a few moments. Once it's done, the right-hand panel is ready.
4. You can now type your questions or prompts into the chat box at the bottom and press Enter. The AI will generate a response right there on your screen!

Assignment Submission

Attach a screenshot showing a conversation with an AI.