

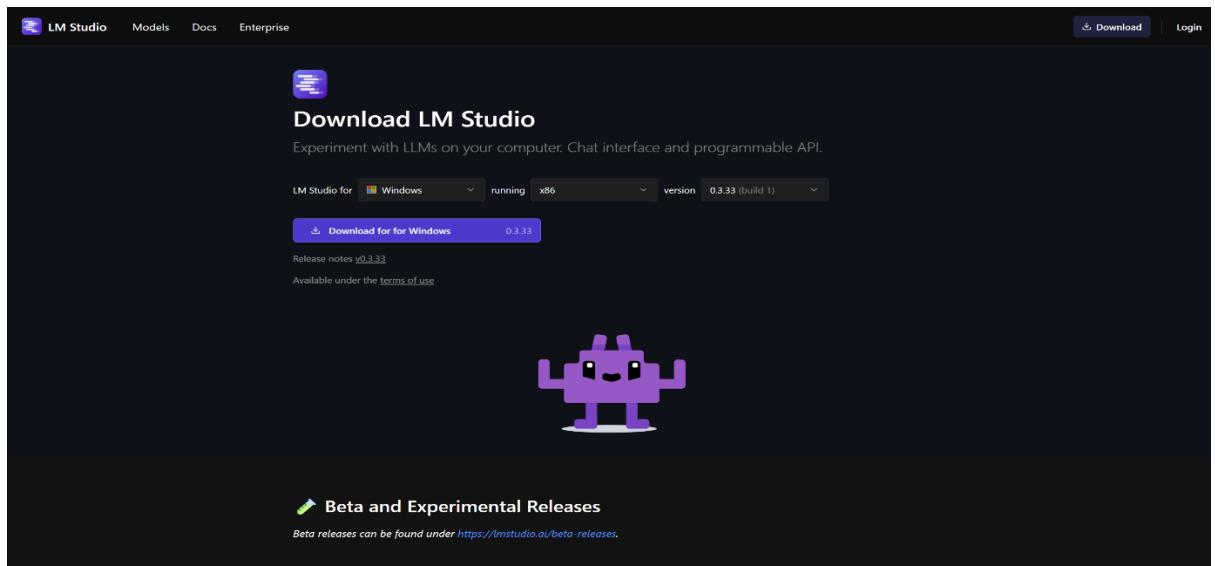
# User Manual for Stratigus Private AI

## Introduction

This guide shows you how to set up and run a local AI assistant that can read and analyse any public web page. You do not need to be a programmer. By the end, you will be able to paste a website link into a simple window and get a summary or analysis from your local LM Studio model.

## What You Need Before You Start

- A Windows computer
- LM Studio installed and working (refer to LM studio documentation on how to install and use it – <https://lmstudio.ai/download>). Refer to the figure below:



- Python 3.10 or newer (<https://www.python.org/downloads/>). Refer to the figure below:

**Download the latest version for Windows**

Or get the standalone installer for Python 3.14.2  
Looking for Python with a different OS? Python for Windows, Linux/Unix, macOS, Android, other  
Want to help test development versions of Python 3.15? Pre-releases, Docker images

Support Python for everyone by grabbing a 30% discount on PyCharm- ALL proceeds go to the Python Software Foundation. Offer ends soon, so grab it today! GET 30% OFF PYCHARM

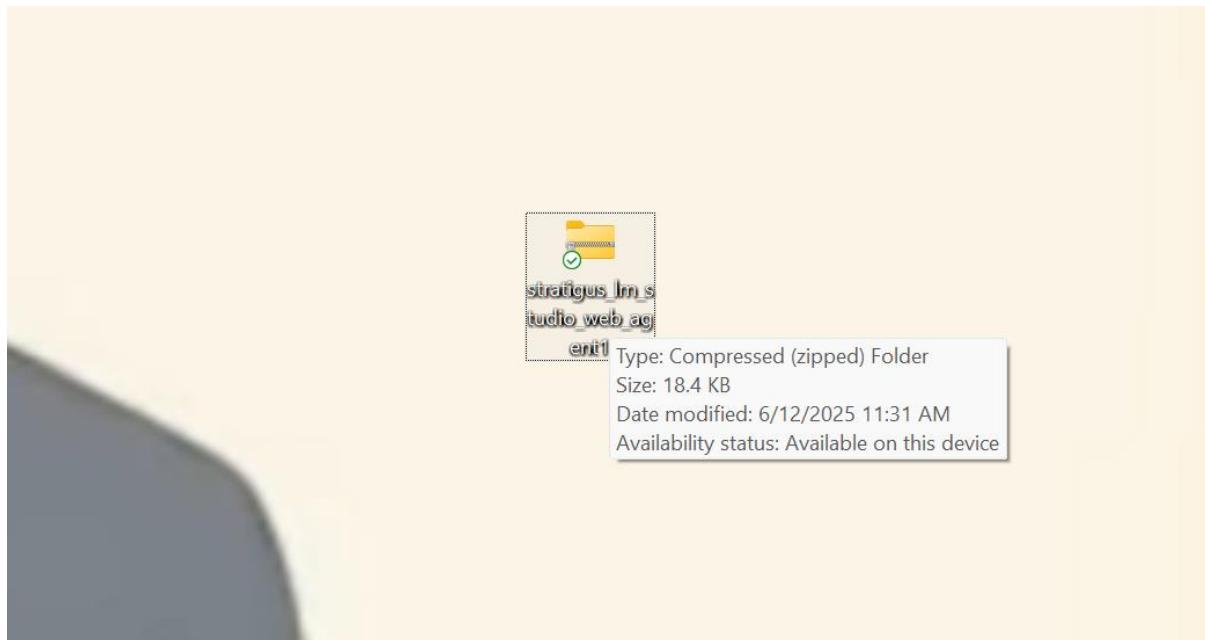
Active Python releases  
For more information visit the Python Developer's Guide.

| Python version | Maintenance status | First released           | End of support       | Release schedule   |
|----------------|--------------------|--------------------------|----------------------|--------------------|
| 3.15           | pre-release        | <a href="#">Download</a> | 2026-10-07 (planned) | 2031-10<br>PEP 790 |
| 3.14           | bugfix             | <a href="#">Download</a> | 2025-10-07           | 2030-10<br>PEP 745 |
| 3.13           | bugfix             | <a href="#">Download</a> | 2024-10-07           | 2029-10<br>PEP 719 |
| 3.12           | security           | <a href="#">Download</a> | 2023-10-02           | 2028-10<br>PEP 693 |
| 3.11           | security           | <a href="#">Download</a> | 2022-10-24           | 2027-10<br>PEP 664 |

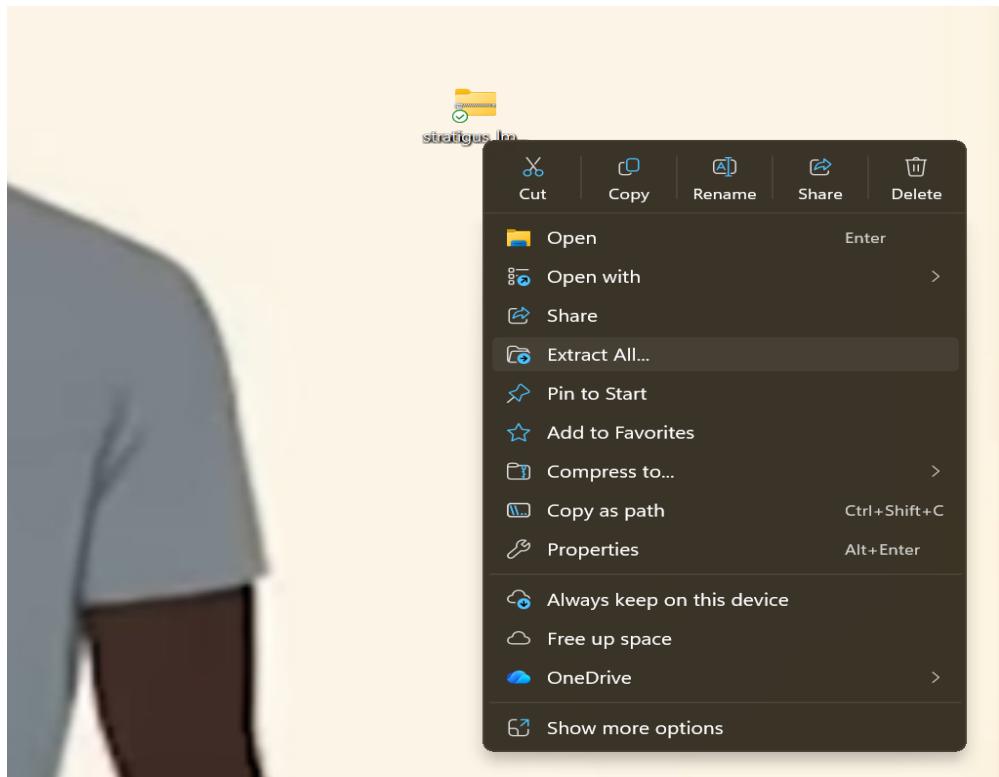
- The “stratigus\_lmstudio\_web\_agent” folder (we will send this to you as a zip file through a downloadable link).

### Step 1: Download the Agent Package

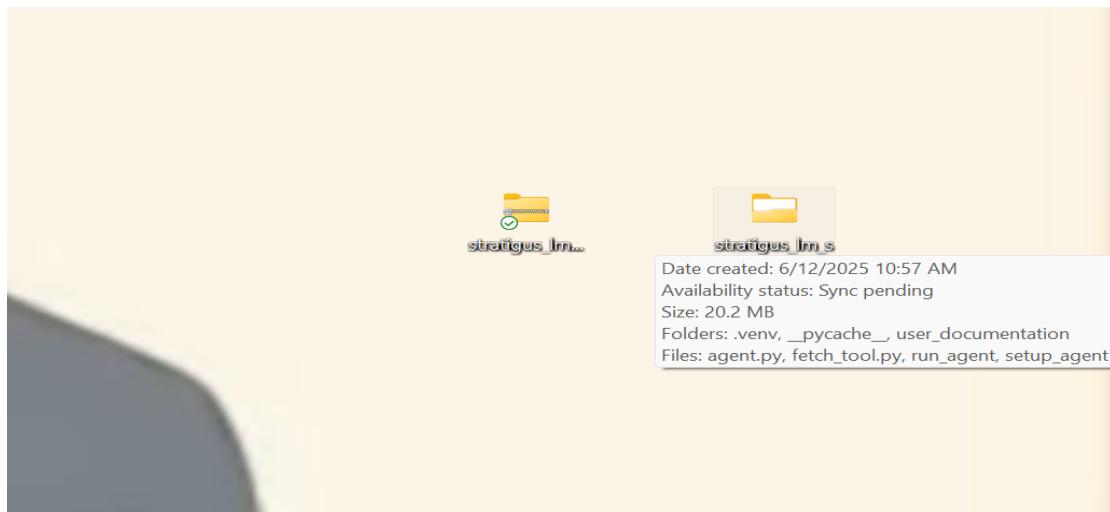
- Download the zip file sent to you: stratigus\_lmstudio\_web\_agent.zip.
- Save it somewhere easy to find (e.g. Desktop or Documents). Refer to the figure below:



- Right-click it and choose ‘Extract All’. Refer to the figure below:

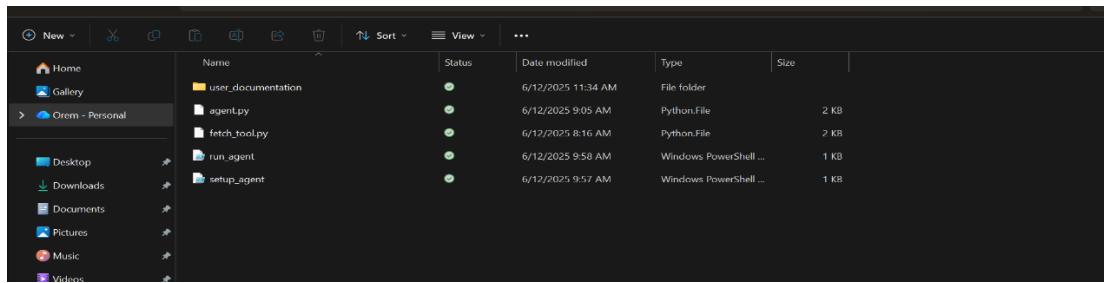


- You should now see a folder called `stratigus_lmstudio_web_agent` next to the zipped folder as shown below:

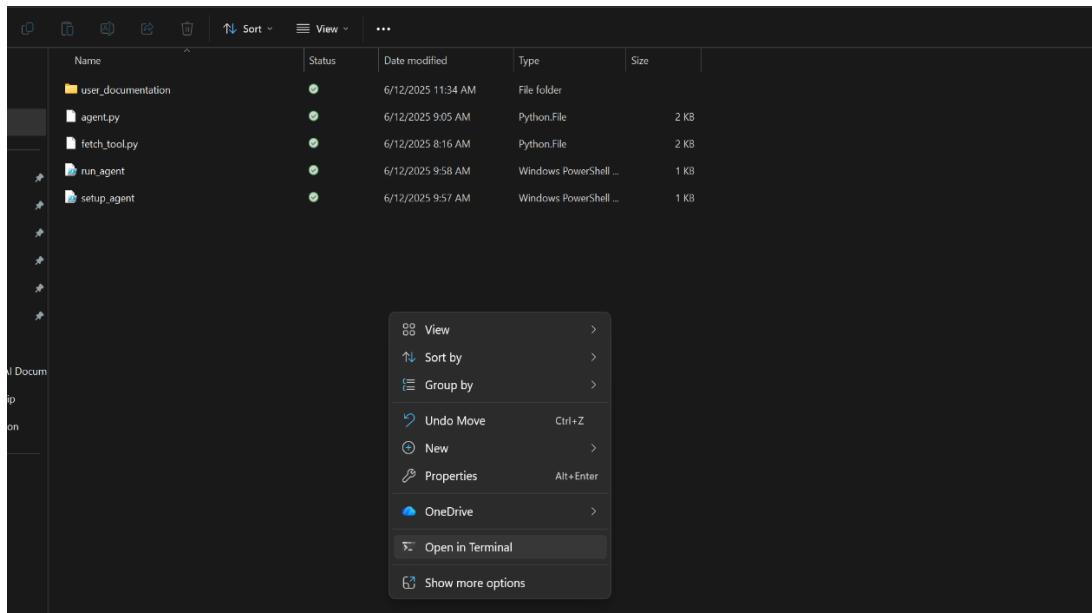


## Step 2: Open the Folder in PowerShell

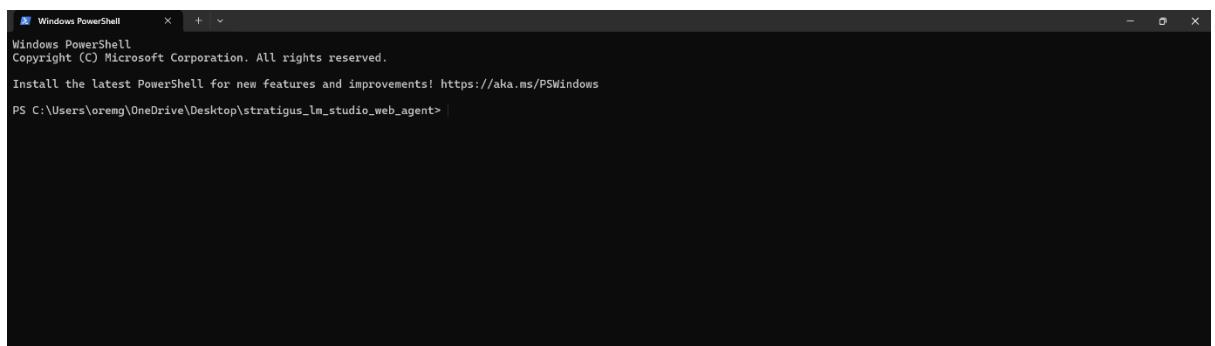
- Open the `stratigus_lmstudio_web_agent` agent folder. Refer to the figure below:



- Right click any empty space in the folder and from the list choose ‘**open with terminal**’ as shown below:



- A blue or black window (Powershell) will open. This window is now “inside” the agent folder. Refer to the figure below:



### Step 3: Run the Setup Script (Automatic Method)

In the black window, copy and paste this command as it is without the brackets: `(.\setup_agent.ps1)` and press ‘Enter’.

- A new PowerShell window may open and start installing required components.
- When it finishes, you will see the screen with the virtual environment open ready again and no error messages as shown below:

```

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

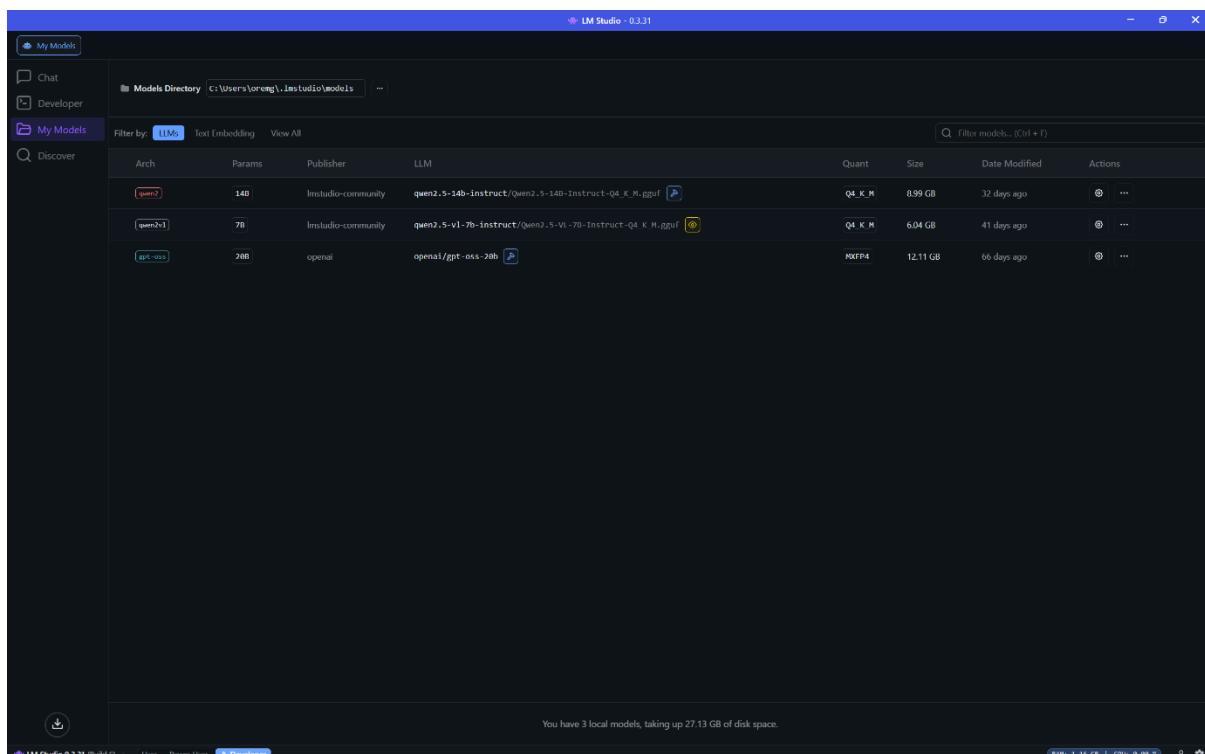
PS C:\Users\orempg\OneDrive\Desktop\stratigus_lm_studio_web_agent> .\setup_agent.ps1
== Stratagus LM Studio Web Agent Setup ==
Creating virtual environment (.venv)...
Activating virtual environment and installing dependencies...
Requirement already satisfied: pip in c:/users/orempg/onedrive/desktop/stratigus_lm_studio_web_agent/.venv/lib/site-packages (25.2)
Collecting pip
  Using cached pip-25.3-py3-none-any.whl.metadata (4.7 kB)
Using cached pip-25.3-py3-none-any.whl (1.8 MB)

[notice] A new release of pip is available: 25.2 -> 26.3
[notice] To update, run: python.exe -m pip install --upgrade pip
ERROR: To modify pip, please run the following command:
python.exe -m pip install --upgrade pip
Collecting lmstudio
  Using cached lmstudio-1.5.0-py3-none-any.whl.metadata (9.1 kB)
Collecting requests
  Using cached requests-2.32.5-py3-none-any.whl.metadata (4.9 kB)
Collecting beautifulsoup4
  Using cached beautifulsoup4-4.14.3-py3-none-any.whl.metadata (3.8 kB)
Collecting httpx>=0.27.2 (from lmstudio)
  Using cached httpx-0.28.1-py3-none-any.whl.metadata (7.1 kB)
Collecting httpx-ws>=0.7.0 (from lmstudio)
  Using cached httpx_ws-0.8.2-py3-none-any.whl.metadata (9.8 kB)
Collecting msgspec>=0.18.6 (from lmstudio)
  Using cached msgspec-0.20.0-cp313-cp313-win_amd64.whl.metadata (5.6 kB)
Collecting typing_extensions>=4.12.2 (from lmstudio)
  Using cached typing_extensions-4.15.0-py3-none-any.whl.metadata (3.3 kB)
Collecting aiohttp>=4.8.0 (from lmstudio)
  Using cached aiohttp-4.12.0-py3-none-any.whl.metadata (4.3 kB)
Collecting charset_normalizer>=3.4.4-cp313-cp313-win_amd64.whl (from requests)
  Using cached charset_normalizer-3.4.4-cp313-cp313-win_amd64.whl.metadata (38 kB)
Collecting idna>=2.5 (from requests)
  Using cached idna-3.11-py3-none-any.whl.metadata (8.4 kB)
Collecting urllib3<3, >=1.21.1 (from requests)
  Using cached urllib3-2.6.0-py3-none-any.whl.metadata (6.6 kB)
Collecting certifi>=2017.4.17 (from requests)
  Using cached certifi-2025.11.12-py3-none-any.whl.metadata (2.5 kB)
Collecting soupsieve>1.6. (from beautifulsoup4)
  Using cached soupsieve-2.8-py3-none-any.whl.metadata (4.6 kB)
Collecting httpcore=>1.* (from httpx-0.27.2-lmstudio)
  Using cached httpcore-1.0.9-py3-none-any.whl.metadata (21 kB)
Collecting h1l>=0.16 (from httpcore=>1.*->httpx=>0.27.2->lmstudio)
  Using cached h1l-0.16.0-py3-none-any.whl.metadata (8.3 kB)
Collecting wssproto (from httpx-ws=>0.7.0->lmstudio)
  Using cached wssproto-1.3.2-py3-none-any.whl.metadata (5.2 kB)
Using cached lmstudio-1.5.0-py3-none-any.whl (139 kB)
Using cached requests-2.32.5-py3-none-any.whl (64 kB)
Using cached charset_normalizer-3.4.4-cp313-cp313-win_amd64.whl (107 kB)
Using cached idna-3.11-py3-none-any.whl (71 kB)

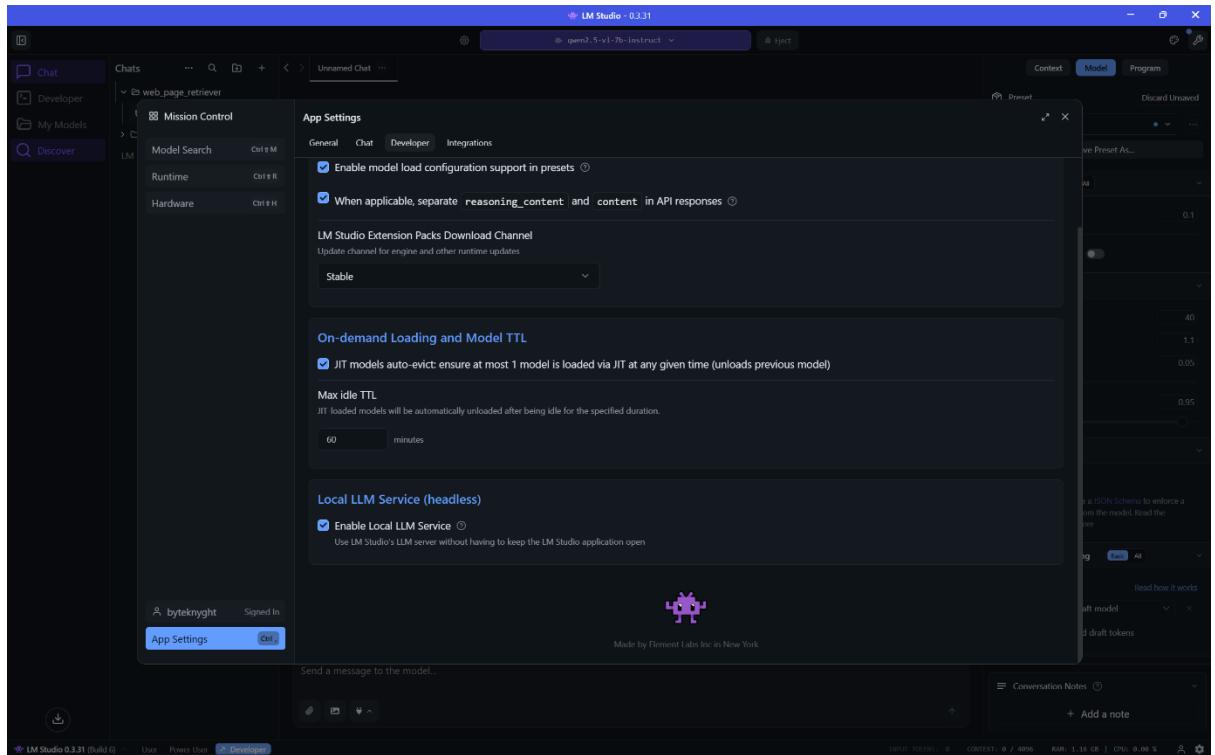
```

## Step 4: Prepare LM Studio

- Open LM Studio.
  - Go to the **Models** section.
  - Download and load any model that supports tools (your IT support person can choose one for you or you can choose the one used in this case: ‘**qwen2.5-vl-7b-instruct**’).
- Refer to the figure below:



- Go to Settings (on the right bottom left side of LM Studio)
- Ensure Local LLM Service / Local Server is turned **ON**. Refer to the screenshot below:



- Leave LM Studio open while you use the agent.

## Step 5: Start the Web Analysis Agent

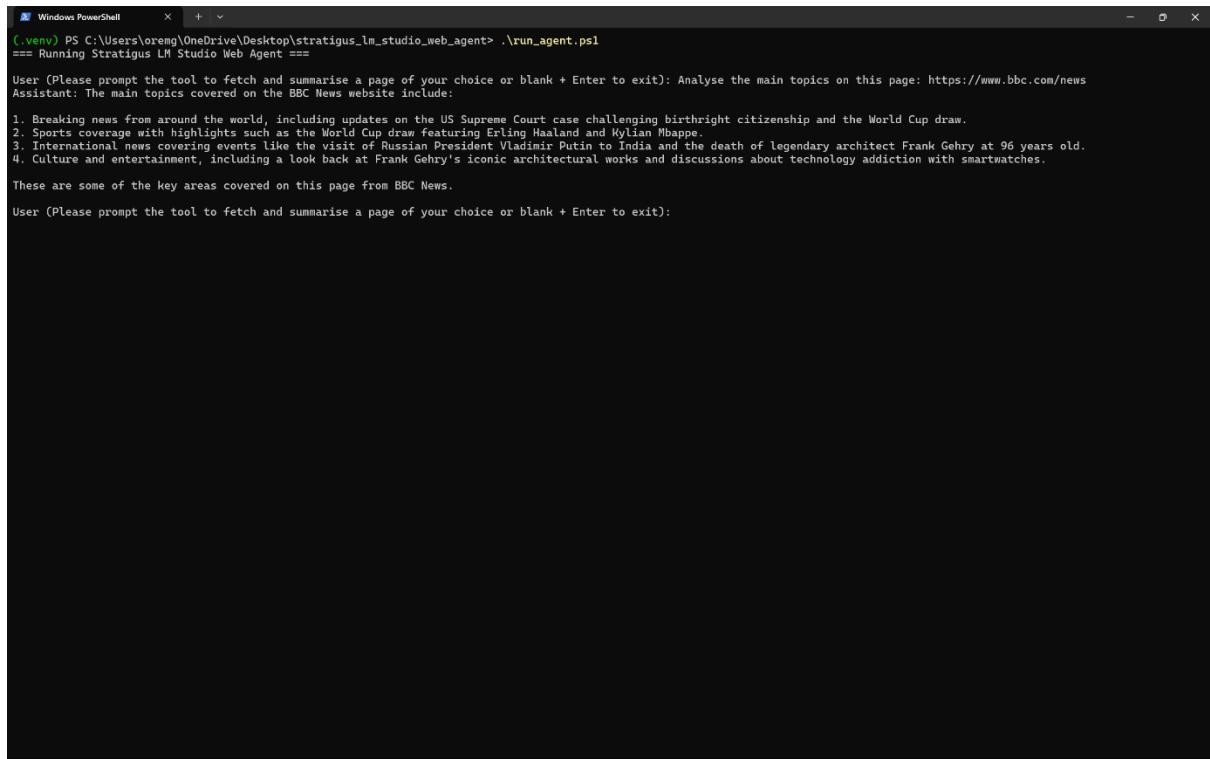
- Go back to the stratigus\_lmstudio\_web\_agent folder if not already there.
- Click in the address bar and type the word **powershell** and press ‘Enter’.
- Inside powershell (the black/blue window), type `(.\run_agent.ps1)` excluding the brackets and press ‘Enter’.
- A window will open with this prompt:  
**‘User (Please prompt the tool to fetch and summarise a page of your choice or blank + Enter to exit):’**. Refer to the screenshot below. It should look like this:

```
Windows PowerShell
PS C:\Users\oremg\OneDrive\Desktop\stratigus_lm_studio_web_agent> .\run_agent.ps1
==== Running Stratigus LM Studio Web Agent ====
User (Please prompt the tool to fetch and summarise a page of your choice or blank + Enter to exit):
```

Example Queries You Can Try:

- Please summarise this page: <https://www.python.org>
- Analyse the main topics on this page: <https://www.bbc.com/news>
- Explain this page in simple language: <https://example.com/some-article>

Output after trying the second prompt is as shown below:



A screenshot of a Windows PowerShell window titled "Windows PowerShell". The command executed is ".\run\_agent.ps1". The output shows the tool running and listing key news topics from BBC News. It includes a numbered list of 4 items, a note about breaking news, and a summary of international news. The user is prompted to enter a BBC News URL to analyze.

```
(.venv) PS C:\Users\oremg\OneDrive\Desktop\stratigus_lm_studio_web_agent> .\run_agent.ps1
== Running Stratigus LM Studio Web Agent ==

User (Please prompt the tool to fetch and summarise a page of your choice or blank + Enter to exit): Analyse the main topics on this page: https://www.bbc.com/news
Assistant: The main topics covered on the BBC News website include:

1. Breaking news from around the world, including updates on the US Supreme Court case challenging birthright citizenship and the World Cup draw.
2. Sports coverage with highlights such as the World Cup draw featuring Erling Haaland and Kylian Mbappe.
3. International news covering events like the visit of Russian President Vladimir Putin to India and the death of legendary architect Frank Gehry at 96 years old.
4. Culture and entertainment, including a look back at Frank Gehry's iconic architectural works and discussions about technology addiction with smartwatches.

These are some of the key areas covered on this page from BBC News.

User (Please prompt the tool to fetch and summarise a page of your choice or blank + Enter to exit):
```

#### Troubleshooting (Common Problems):

- **Python is not recognised** → Ask IT to install Python in your device.
- **LM Studio connection error** → Make sure Local LLM Service is ON (**Step 4**).
- **Model error** → Change model name in agent.py (handled by IT).

#### Appendix A: Python Source Code

#### Appendix B: Automation Scripts (PowerShell)