

# Creating Environment

```
D:\Internship2025\WEEK 2\MAY 15>conda create -n autogen-env python=3.10 -y
```

```
Retrieving notices: done
```

```
Channels:
```

```
- defaults
```

```
Platform: win-64
```

```
Collecting package metadata (repodata.json): done
```

```
Solving environment: done
```

```
## Package Plan ##
```

```
environment location: C:\Users\alina\miniconda3\envs\autogen-env
```

```
added / updated specs:
```

```
- python=3.10
```

```
The following NEW packages will be INSTALLED:
```

bzip2	pkgs/main/win-64::bzip2-1.0.8-h2bbff1b_6
ca-certificates	pkgs/main/win-64::ca-certificates-2025.2.25-haa95532_0
libffi	pkgs/main/win-64::libffi-3.4.4-hd77b12b_1
openssl	pkgs/main/win-64::openssl-3.0.16-h3f729d1_0
pip	pkgs/main/noarch::pip-25.1-pyhc872135_2
python	pkgs/main/win-64::python-3.10.16-h4607a30_1
setuptools	pkgs/main/win-64::setuptools-78.1.1-py310haa95532_0
sqlite	pkgs/main/win-64::sqlite-3.45.3-h2bbff1b_0
tk	pkgs/main/win-64::tk-8.6.14-h0416ee5_0
tzdata	pkgs/main/noarch::tzdata-2025b-h04d1e81_0
vc	pkgs/main/win-64::vc-14.42-haa95532_5
vs2015_runtime	pkgs/main/win-64::vs2015_runtime-14.42.34433-hbfb602d_5
wheel	pkgs/main/win-64::wheel-0.45.1-py310haa95532_0
xz	pkgs/main/win-64::xz-5.6.4-h4754444_1
zlib	pkgs/main/win-64::zlib-1.2.13-h8cc25b3_1

```
Downloading and Extracting Packages:
```

## Activating the Environment Installing AutoGen and core libraries:

```
D:\Internship2025\WEEK 2\MAY 15>conda activate autogen-env

(autogen-env) D:\Internship2025\WEEK 2\MAY 15>pip install pyautogen
Collecting pyautogen
  Downloading pyautogen-0.9.0-py3-none-any.whl.metadata (34 kB)
Collecting anyio<5.0.0,>=3.0.0 (from pyautogen)
  Using cached anyio-4.9.0-py3-none-any.whl.metadata (4.7 kB)
Collecting asynccore==0.0.8 (from pyautogen)
  Downloading asynccore-0.0.8-py3-none-any.whl.metadata (6.7 kB)
Collecting diskcache (from pyautogen)
  Downloading diskcache-5.6.3-py3-none-any.whl.metadata (20 kB)
Collecting docker (from pyautogen)
  Downloading docker-7.1.0-py3-none-any.whl.metadata (3.8 kB)
Collecting httpx<1,>=0.28.1 (from pyautogen)
  Using cached httpx-0.28.1-py3-none-any.whl.metadata (7.1 kB)
Collecting packaging (from pyautogen)
  Using cached packaging-25.0-py3-none-any.whl.metadata (3.3 kB)
Collecting pydantic<3,>=2.6.1 (from pyautogen)
  Using cached pydantic-2.11.4-py3-none-any.whl.metadata (66 kB)
Collecting python-dotenv (from pyautogen)
  Using cached python_dotenv-1.1.0-py3-none-any.whl.metadata (24 kB)
Collecting termcolor (from pyautogen)
  Downloading termcolor-3.1.0-py3-none-any.whl.metadata (6.4 kB)
Collecting tiktoken (from pyautogen)
  Downloading tiktoken-0.9.0-cp310-cp310-win_amd64.whl.metadata (6.8 kB)
Collecting exceptiongroup>=1.0.2 (from anyio<5.0.0,>=3.0.0->pyautogen)
  Using cached exceptiongroup-1.3.0-py3-none-any.whl.metadata (6.7 kB)
Collecting idna>=2.8 (from anyio<5.0.0,>=3.0.0->pyautogen)
  Using cached idna-3.10-py3-none-any.whl.metadata (10 kB)
Collecting sniffio>=1.1 (from anyio<5.0.0,>=3.0.0->pyautogen)
  Using cached sniffio-1.3.1-py3-none-any.whl.metadata (3.9 kB)
Collecting typing_extensions>=4.5 (from anyio<5.0.0,>=3.0.0->pyautogen)
  Using cached typing_extensions-4.13.2-py3-none-any.whl.metadata (3.0 kB)
Collecting certifi (from httpx<1,>=0.28.1->pyautogen)
  Using cached certifi-2025.4.26-py3-none-any.whl.metadata (2.5 kB)
Collecting httpcore==1.* (from httpx<1,>=0.28.1->pyautogen)
  Using cached httpcore-1.0.9-py3-none-any.whl.metadata (21 kB)
Collecting h11>=0.16 (from httpcore==1.*->httpx<1,>=0.28.1->pyautogen)
  Using cached h11-0.16.0-py3-none-any.whl.metadata (8.3 kB)
```

```
Downloading regex-2024.11.6-cp310-cp310-win_amd64.whl.metadata (41 kB)
Downloading pyautogen-0.9.0-py3-none-any.whl (781 kB)
 781.7/781.7 kB 4.7 MB/s eta 0:00:00
Downloading asyncer-0.0.8-py3-none-any.whl (9.2 kB)
Using cached anyio-4.9.0-py3-none-any.whl (100 kB)
Using cached httpx-0.28.1-py3-none-any.whl (73 kB)
Using cached httpcore-1.0.9-py3-none-any.whl (78 kB)
Using cached pydantic-2.11.4-py3-none-any.whl (443 kB)
Using cached pydantic_core-2.33.2-cp310-cp310-win_amd64.whl (2.0 MB)
Using cached annotated_types-0.7.0-py3-none-any.whl (13 kB)
Using cached exceptiongroup-1.3.0-py3-none-any.whl (16 kB)
Using cached h11-0.16.0-py3-none-any.whl (37 kB)
Using cached idna-3.10-py3-none-any.whl (70 kB)
Using cached sniffio-1.3.1-py3-none-any.whl (10 kB)
Using cached typing_extensions-4.13.2-py3-none-any.whl (45 kB)
Using cached typing_inspection-0.4.0-py3-none-any.whl (14 kB)
Using cached certifi-2025.4.26-py3-none-any.whl (159 kB)
Downloading diskcache-5.6.3-py3-none-any.whl (45 kB)
Downloading docker-7.1.0-py3-none-any.whl (147 kB)
Downloading pywin32-310-cp310-cp310-win_amd64.whl (9.6 MB)
 9.6/9.6 MB 2.0 MB/s eta 0:00:00
Using cached requests-2.32.3-py3-none-any.whl (64 kB)
Using cached charset_normalizer-3.4.2-cp310-cp310-win_amd64.whl (105 kB)
Using cached urllib3-2.4.0-py3-none-any.whl (128 kB)
Using cached packaging-25.0-py3-none-any.whl (66 kB)
Using cached python_dotenv-1.1.0-py3-none-any.whl (20 kB)
Downloading termcolor-3.1.0-py3-none-any.whl (7.7 kB)
Downloading tiktoken-0.9.0-cp310-cp310-win_amd64.whl (894 kB)
 894.0/894.0 kB 898.8 kB/s eta 0:00:00
Downloading regex-2024.11.6-cp310-cp310-win_amd64.whl (274 kB)
Installing collected packages: pywin32, urllib3, typing_extensions, termcolor, sniffio, regex, python-dotenv, packaging, idna, h11, diskcache, charset-normalizer, certifi, annotated-types, typing-inspection, requests, pydantic-core, httpcore, exceptiongroup, tiktoken, pydantic, docker, anyio, httpx, asyncer, pyautogen
Successfully installed annotated-types-0.7.0 anyio-4.9.0 asyncer-0.0.8 certifi-2025.4.26 charset-normalizer-3.4.2 diskcache-5.6.3 docker-7.1.0 exceptiongroup-1.3.0 h11-0.16.0 httpcore-1.0.9 httpx-0.28.1 idna-3.10 packaging-25.0 pyautogen-0.9.0 pydantic-2.11.4 pydantic-core-2.33.2 python-dotenv-1.1.0 pywin32-310 regex-2024.11.6 requests-2.32.3 sniffio-1.3.1 termcolor-3.1.0 tiktoken-0.9.0 typing-inspection-0.4.0 typing_extensions-4.13.2 urllib3-2.4.0
```

# Installing OpenAI

```
(autogen-env) D:\Internship2025\WEEK 2\MAY 15>pip install openai
Collecting openai
  Using cached openai-1.78.1-py3-none-any.whl.metadata (25 kB)
Requirement already satisfied: anyio<5,>=3.5.0 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from openai) (4.9.0)
Collecting distro<2,>=1.7.0 (from openai)
  Using cached distro-1.9.0-py3-none-any.whl.metadata (6.8 kB)
Requirement already satisfied: httpx<1,>=0.23.0 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from openai) (0.28.1)
Collecting jiter<1,>=0.4.0 (from openai)
  Downloading jiter-0.9.0-cp310-cp310-win_amd64.whl.metadata (5.3 kB)
Requirement already satisfied: pydantic<3,>=1.9.0 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from openai) (2.11.4)
Requirement already satisfied: sniffio in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from openai) (1.3.1)
Collecting tqdm>4 (from openai)
  Using cached tqdm-4.67.1-py3-none-any.whl.metadata (57 kB)
Requirement already satisfied: typing-extensions<5,>=4.11 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from openai) (4.13.2)
Requirement already satisfied: exceptiongroup>=1.0.2 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from anyio<5,>=3.5.0->openai) (1.3.0)
Requirement already satisfied: idna>=2.8 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from anyio<5,>=3.5.0->openai) (3.10)
Requirement already satisfied: certifi in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from httpx<1,>=0.23.0->openai) (2025.4.26)
Requirement already satisfied: httpcore==1.* in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from httpx<1,>=0.23.0->openai) (1.0.9)
Requirement already satisfied: h11>=0.16 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from httpcore==1.*->httpx<1,>=0.23.0->openai) (0.16.0)
Requirement already satisfied: annotated-types>=0.6.0 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from pydantic<3,>=1.9.0->openai) (0.7.0)
Requirement already satisfied: pydantic-core==2.33.2 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from pydantic<3,>=1.9.0->openai) (2.33.2)
Requirement already satisfied: typing-inspection>=0.4.0 in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (from pydantic<3,>=1.9.0->openai) (0.4.0)
Collecting colorama (from tqdm>4->openai)
  Using cached colorama-0.4.6-py2.py3-none-any.whl.metadata (17 kB)
Using cached openai-1.78.1-py3-none-any.whl (680 kB)
Using cached distro-1.9.0-py3-none-any.whl (20 kB)
```

## Installing other common dependencies:

```
(autogen-env) D:\Internship2025\WEEK 2\MAY 15>pip install pyautogen openai anthropic langchain chromadb huggingface_hub streamlit gradio fastapi uvicorn pandas numpy
Requirement already satisfied: pyautogen in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (0.9.0)
Requirement already satisfied: openai in c:\users\alina\miniconda3\envs\autogen-env\lib\site-packages (1.78.1)
Collecting anthropic
  Downloading anthropic-0.51.0-py3-none-any.whl.metadata (25 kB)
Collecting langchain
  Using cached langchain-0.3.25-py3-none-any.whl.metadata (7.8 kB)
Collecting chromadb
  Using cached chromadb-1.0.9-cp39-abi3-win_amd64.whl.metadata (7.0 kB)
Collecting huggingface_hub
  Using cached huggingface_hub-0.31.2-py3-none-any.whl.metadata (13 kB)
Collecting streamlit
  Using cached streamlit-1.45.1-py3-none-any.whl.metadata (8.9 kB)
Collecting gradio
  Downloading gradio-5.29.1-py3-none-any.whl.metadata (16 kB)
Collecting fastapi
  Downloading fastapi-0.115.12-py3-none-any.whl.metadata (27 kB)
Collecting uvicorn
  Using cached uvicorn-0.34.2-py3-none-any.whl.metadata (6.5 kB)
Collecting pandas
  Using cached pandas-2.2.3-cp310-cp310-win_amd64.whl.metadata (19 kB)
Collecting numpy
  Using cached numpy-2.2.5-cp310-cp310-win_amd64.whl.metadata (60 kB)
```