**1. Prerequisites**

**Before starting, ensure the following:**

1. **Azure Account**

* **Create an Azure account if you don’t already have one.**
* **Deploy the Azure OpenAI Service in the Azure Portal.**
* **Follow the**[**Azure OpenAI Quickstart Guide**](https://learn.microsoft.com/en-us/azure/ai-services/openai/quickstart)**.**

1. **Visual Studio Code Installed**

* **Download and install**[**Visual Studio Code**](https://code.visualstudio.com/)**.**

[**Azure OpenAI Service supported programming languages - Azure AI services | Microsoft Learn**](https://learn.microsoft.com/en-us/azure/ai-services/openai/supported-languages?tabs=dotnet-secure%2Csecure%2Cpython-secure%2Ccommand&pivots=programming-language-python#installation)

1. **Create a Python virtual environment:**

**~~python -m venv venv~~**

**~~venv\Scripts\activate~~**

1. **Install Necessary Libraries**
2. **Open VS Code and create a new project folder.**
3. **Add new dummy python file : main.py. It will not rerun anything as file is empty**
4. **Run the Python script: python main.py**
5. **Install the required Python libraries:**
6. **pip install openai**
7. **pip install openai --upgrade**
8. **~~pip install python-dotenv~~**

**5. Run the Script**

1. **Open the terminal in VS Code.**
2. **Please add First\_AOAI\_TEST.py to project folder in VS code or copy and past code to above main.py file .**

**Resources**

* [**Azure OpenAI Documentation**](https://learn.microsoft.com/en-us/azure/ai-services/openai/)
* [**Azure SDK for Python**](https://learn.microsoft.com/en-us/python/api/overview/azure/ai/openai?view=azure-python)