Mandatory Software Installation Instruction Document

**Ollama Installation:**

1. Navigate to <https://ollama.com/>
2. Click on Download button.
3. Choose the target platform
4. Once Ollama is in your local
   * Ollama pull “snowflake-arctic-embed:33m”

**Docker Installation**

1. Check System Requirements:
   * **Windows:** Windows 10 or Windows 11 (Pro, Enterprise, or Education), or Windows Server 2019/2022.
   * **Mac:** macOS 11.0 (Big Sur) or newer.
2. Download Docker Desktop:
   * Visit the official [Docker website](https://www.docker.com/products/docker-desktop/).
   * Download the installer for your operating system (Windows or Mac).
3. Install Docker Desktop:

For Windows:

* + Double-click the downloaded **.exe** file to launch the installer.
  + Follow the installation wizard's instructions.
  + During installation, ensure the option to "Install required Windows components for WSL 2" is checked for Windows Subsystem for Linux (WSL 2) support.
  + After installation, you may be prompted to enable Hyper-V and restart your computer.

For macOS:

* + Double-click the downloaded **.dmg** file to mount it.
  + Drag the Docker Desktop icon to the Applications folder.
  + Launch Docker Desktop from the Applications folder.

1. Set Up Docker Desktop:
   * Once Docker Desktop starts, you'll see the whale icon in your taskbar or system menu.
   * If prompted, sign in to your Docker Hub account or create a new one.
2. Verify Installation:
   * Open a terminal or command prompt.
   * Run the command **docker --version** to ensure Docker is installed properly.
3. Optional: Additional Configuration
   * Adjust resource settings if required (e.g., CPU, memory) through the Docker Desktop preferences/settings.
   * Enable Kubernetes (if needed) by going to the Kubernetes tab in preferences/settings and checking "Enable Kubernetes."

**Qdrant Installation**

This is the simplest and most flexible way to install Qdrant, as Docker provides an isolated environment.

1. Make sure Docker is installed on your system.
2. Pull the latest Qdrant image with the following command:
   * docker pull qdrant/qdrant
3. Run the Qdrant container:
   * docker run -p 6333:6333 qdrant/Qdrant

**Minikube Installation**

1. Navigate to [Minikube official downloads page](https://minikube.sigs.k8s.io/docs/start/)
2. Select the target platform
3. Follow the instructions and once installation is done please run the below command.
   * minikube version

**Install any one of the tools like “postman”, “insomnia”, “HTTPie”**

**Should have OpenAI account**