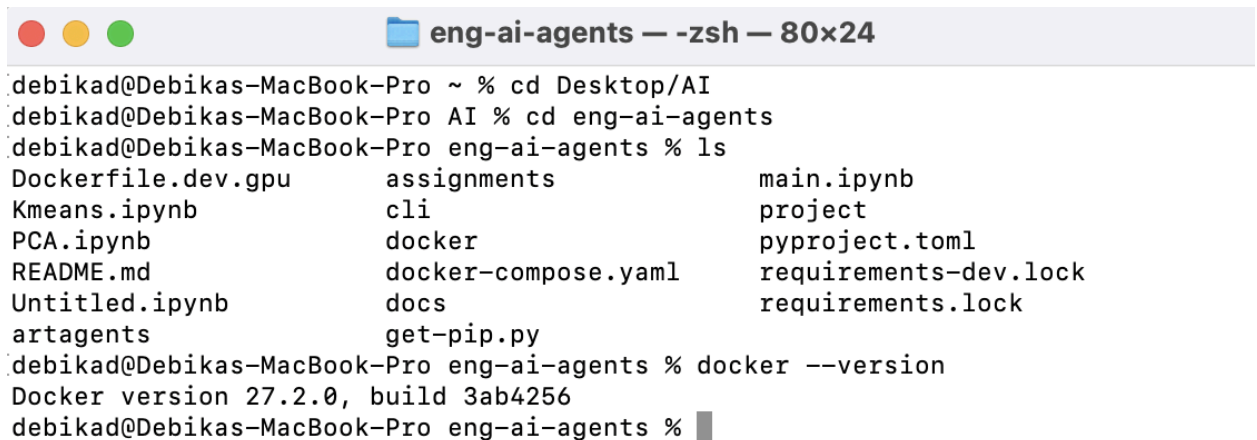


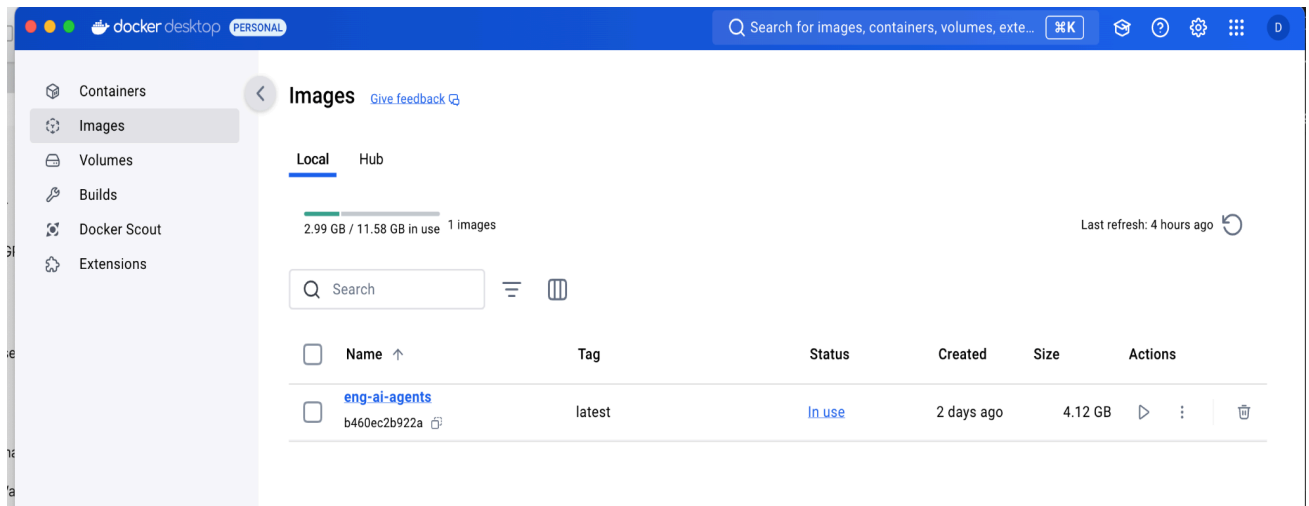
Dev Environment Setup screenshots:

1. Install docker on your machine.
2. Clone the repo (For windows users ensure that you clone it on the WSL2 filesystem.) Show this by a screenshot below of the terminal where you have cloned the repo.



```
eng-ai-agents — -zsh — 80x24
debikad@Debikas-MacBook-Pro ~ % cd Desktop/AI
debikad@Debikas-MacBook-Pro AI % cd eng-ai-agents
debikad@Debikas-MacBook-Pro eng-ai-agents % ls
Dockerfile.dev.gpu      assignments          main.ipynb
Kmeans.ipynb            cli                 project
PCA.ipynb               docker              pyproject.toml
README.md               docker-compose.yaml requirements-dev.lock
Untitled.ipynb          docs                requirements.lock
artagents               get-pip.py
debikad@Debikas-MacBook-Pro eng-ai-agents % docker --version
Docker version 27.2.0, build 3ab4256
debikad@Debikas-MacBook-Pro eng-ai-agents %
```

3. Build and launch the docker container inside your desired IDE (if you havent used an IDE before you can start with VSCode).



4. Launch the virtual environment with `rye sync` inside the container and then show a screenshot of your IDE and the terminal with the `(your virtual env)` prefix.

The screenshot shows a VS Code editor interface with the following components:

- EXPLORER:** A file tree on the left showing a project structure with folders like `.devcontainer`, `.github`, `.ipynb_checkpoints`, `.venv`, `artagents`, `assignments`, `cli`, `docker`, `docs`, `project`, and files like `.gitignore`, `.python-version`, `docker-compo...`, `Dockerfile.dev...`, `get-pip.py`, `Kmeans.ipynb`, `main.ipynb`, `PCA.ipynb`, `pyproject.toml`, `README.md`, `requirements-...`, `requirements.l...`, and `Untitled.ipynb`.
- Editor:** The main workspace shows a file named `Dockerfile.dev.gpu U` with the following content:

```
1 version: '3.9'
2
3 services:
4   eng-ai-agents:
5     build:
6       context: "."
7       dockerfile: ../docker/Dockerfile.dev.gpu
8     image: eng-ai-agents
9     platform: linux/arm64
10    shm_size: '8gb'
11    # Remove the following line
12    # user: user
13    command: /bin/sh -c "while sleep 1000; do ;; done"
14    environment:
15      - PLATFORM=macos
16    networks:
17      - eng-ai-agents-net
18
19 networks:
20   eng-ai-agents-net:
```
- TERMINAL:** The bottom panel shows a terminal window with the following output:

```
/etc/zshrc:7: command not found: locale
eng-ai-agentsdebikad@Debikas-MacBook-Pro eng-ai-agents % rye sync
Reusing already existing virtualenv
Generating production lockfile: /Users/debikad/Desktop/AI/eng-ai-agents/requirements.lock
Generating dev lockfile: /Users/debikad/Desktop/AI/eng-ai-agents/requirements-dev.lock
Installing dependencies
Resolved 309 packages in 598ms
Audited 309 packages in 0.44ms
Done!
eng-ai-agentsdebikad@Debikas-MacBook-Pro eng-ai-agents % . .venv/bin/activate
(eng-ai-agents) eng-ai-agentsdebikad@Debikas-MacBook-Pro eng-ai-agents %
```