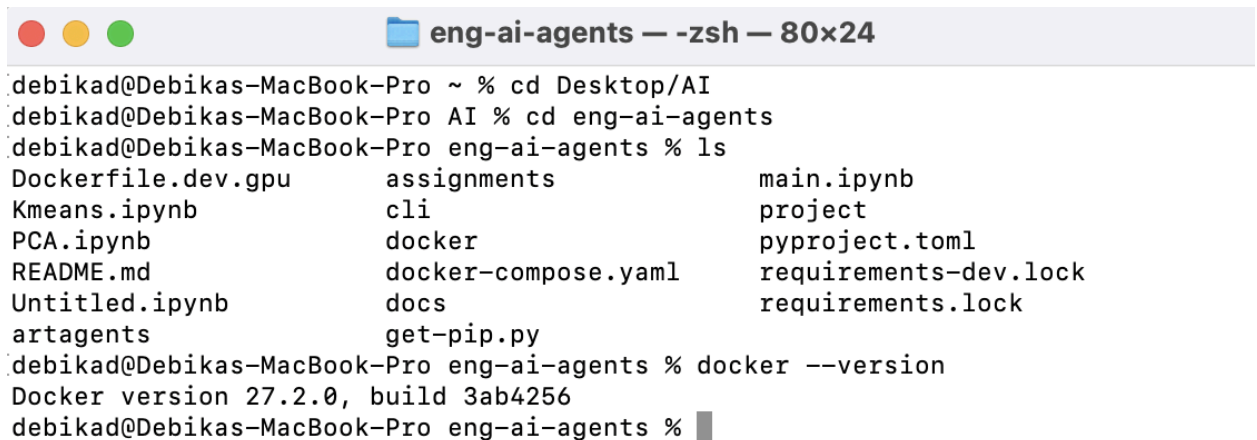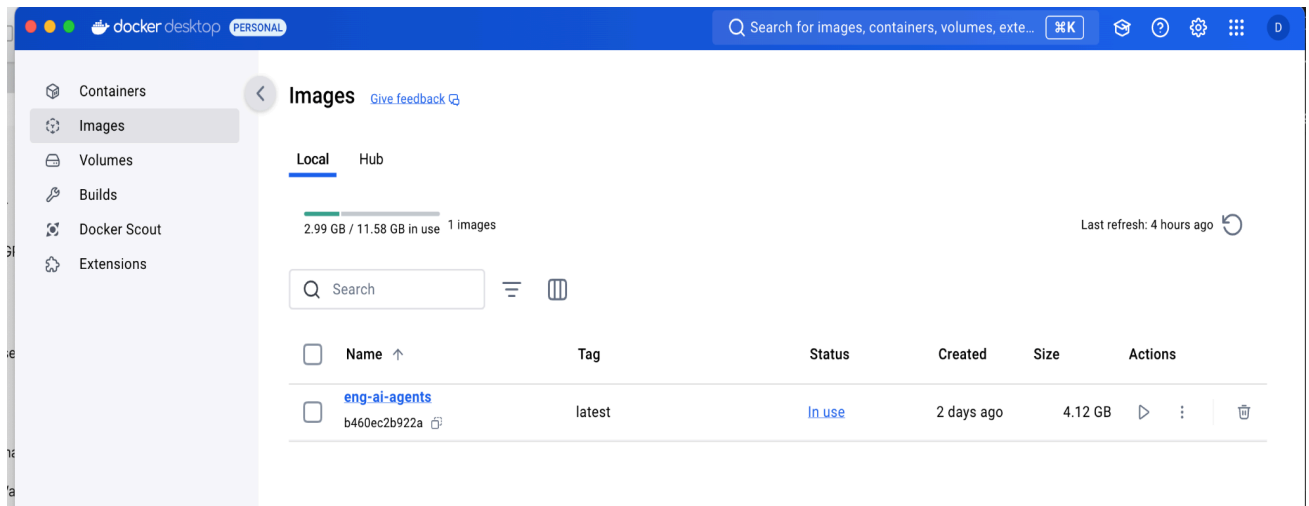**Dev Environment Setup screenshots:**

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.

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.

EXPLORER ···

ENG-AI...

> .devcontainer
> .github
> .ipynb_checkpoints
> .venv
> artagents
> assignments
> cli
> docker
> docs
> project
.gitignore
.python-version
docker-compo...   U
Dockerfile.dev....   U
get-pip.py   U
Kmeans.ipynb   U
main.ipynb   U
PCA.ipynb   U
pyproject.toml
README.md
requirements-...   M
requirements.l...   M
Untitled.ipynb   U

Dockerfile.dev.gpu U   main-checkpoint.ipynb   Kmeans-checkpoint.ipynb   docker-

docker-compose.yaml

```yaml
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:
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   JUPYTER

```
/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 % 
```