Run Python Scripts Inside Dockerized n8n - Quick Guide

Run Python Scripts Inside Dockerized n8n - Quick Guide

Option 1: Run Manually

1. Find your n8n container name
Command: docker ps

2. Enter the container shell
Command: docker exec -it [container-name] sh

3. Navigate to the directory
Command: cd /home/node/.n8n

4. Run the Python script
Command: python3 train_and_generate_reports.py

Output files like report.html, report.md, and report.pdf will be generated.

Option 2: Run Automatically from n8n Workflow

1. Add an "Execute Command" node in your n8n workflow.

2. Command to run inside the node:
python3 /home/node/.n8n/train_and_generate_reports.py

3. Chain it in your workflow:
Schedule Trigger -> Execute Python Script -> File Existence Check -> Send Email Alert

---

Important Notes:

- Save your script and output files inside /home/node/.n8n/ for persistence.

- Ensure Python and required libraries are installed in your container.

- Update your Dockerfile if you need extra Python packages.

Bonus Tip:

- You can mount ./n8n_data from your host to /home/node/.n8n for local editing and real-time syncing.