Installing Apache Airflow using Docker on Mac (via VS Code)

# Pre-requisites:

- Docker Desktop (running)  
- VS Code with Docker extension  
- Python extension in VS Code

# Step-by-Step Installation

## Step 1: Clone the Official Airflow Docker Example

git clone https://github.com/apache/airflow.git  
cd airflow  
cd scripts/in\_container/config  
# OR use simplified template:  
mkdir airflow-docker  
cd airflow-docker  
curl -LfO 'https://airflow.apache.org/docs/apache-airflow/2.8.1/docker-compose.yaml'

## Step 2: Set Airflow Environment

echo -e "AIRFLOW\_UID=$(id -u)" > .env

## Step 3: Initialize Environment

docker-compose up airflow-init

## Step 4: Start All Airflow Services

docker-compose up

## Step 5: Open in VS Code

Open the airflow-docker folder in VS Code and explore dags/, plugins/, etc.

## Step 6: Stop Airflow

docker-compose down

## Access UI

http://localhost:8080  
Login: admin / admin