

# Task 1 - Build Dockerfile and Lint it

22 November 2022 07:59

```
FROM python:3.7.3-stretch

## Step 1:
# Create a working directory
WORKDIR /app

## Step 2:
# Copy source code to working directory
COPY . app.py /app/

## Step 3:
# Install packages from requirements.txt
# hadolint ignore=DL3013
RUN pip install --upgrade pip && \
    pip install --trusted-host pypi.python.org -r requirements.txt

## Step 4:
# Expose port 80
EXPOSE 80

## Step 5:
# Run app.py at container launch
CMD ["python", "app.py"]
```

```
(.devops) voclabs:~/environment/operationalise-ML (main) $ make lint
# See local hadolint install instructions: https://github.com/hadolint/hadolint
# This is linter for Dockerfiles
hadolint Dockerfile
# This is a linter for Python source code linter: https://www.pylint.org/
# This should be run from inside a virtualenv
pylint --disable=R,C,W1203,W1202 app.py

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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

(.devops) voclabs:~/environment/operationalise-ML (main) $
```