

INFO-H420
Management of Data Science and
Business Workflows
Practice Session
Workflows with Apache Airflow

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Install Apache Airflow

The following instructions are for unix-like operating systems.

1. Create a folder for your Airflow files:

```
mkdir ~/airflow
```

2. cd to that folder:

```
cd ~/airflow
```

3. Create a python environment in that folder:

```
python -m venv ./
```

4. Activate python environment:

```
source bin/activate
```

5. Set AIRFLOW_HOME

```
export AIRFLOW_HOME=~/airflow
```

6. Install Airflow. Follow steps 2-4:

<https://airflow.apache.org/docs/apache-airflow/stable/start.html>

Airflow Tutorials from Astronomer

- Signup for an Astronomer account:
 - Go here: <https://academy.astronomer.io>
 - Click Log In, and then click Sign up
- Log in to <https://academy.astronomer.io>
- Do the following tutorials
 - <https://academy.astronomer.io/path/airflow-101/astro-runtime-airflow-concepts>
 - <https://academy.astronomer.io/path/airflow-101/dag-101-1>
 - <https://academy.astronomer.io/path/airflow-101/astro-runtime-airflow-ui>
 - <https://academy.astronomer.io/path/airflow-101/astro-runtime-scheduling>