

Setup

If the instructions do not work

Install Python ≥ 3.10 from the [Python website](#).

Install pyenv (Mac)

- Install **pyenv** using Homebrew
- Setup your **shell environment**: follow the instructions for **your shell**
- Restart your shell

```
1 exec "$SHELL"
```

Install pyenv (Linux)

- Install **pyenv** using the automatic installer
- Setup your **shell environment**: follow the instructions for **your shell**
- Restart your shell

```
1 exec "$SHELL"
```

Install pyenv (Windows)

- **Preferred:** install [pyenv](#) in Ubuntu then follow Linux instructions
- Alternatively, install [pyenv-win](#):
 - Run Powershell as an administrator
 - Follow [these instructions](#)
 - If [pyenv](#) is not recognized, add these [system settings](#) using Powershell
 - Verify the installation by [checking Path and environment variables](#)

Install Python

- Install Python 3.10 using pyenv

```
1 pyenv install 3.10.9
```

- Fork the [data-structuration-and-transportation](#) repository and clone it

```
1 git clone https://github.com/<your-github-username>/data-structuration-and-
```

- Use Python 3.10 for this repository

```
1 pyenv local 3.10.9
```

Create a virtual environment

```
1 # For Mac / Linux
2 python -m venv venv # might need to use python3 here
3 source venv/bin/activate
4
5 # For Windows
6 python -m venv venv # might need to use python3 here
7 .\venv\Scripts\activate
```

Airflow

Only when I ask you to install it

- follow [these steps](#) to install Airflow using Docker Compose
- make sure you are in the root folder of the data-structuration-and-transportation repository
- **make sure you have more than 4Gb of memory allocated to Docker**
- the important steps are:
 - Before you begin
 - Fetching docker-compose.yaml (if [curl](#) is not working, simply download the file)
 - Initializing Environment
 - Running Airflow
- if you can access the UI at <http://localhost:8080>,

