

COM6018 Data Science with Python

Lab 9: Face Orientation Estimation

Jon Barker

(c) 2023, 2024, Jon Barker, University of Sheffield

In this lab

We will use this lab session to help you get started on Assignment 2.

- Understanding the assignment data
- Running Python code from the command line
- Using LaTeX to write the report

Lab Materials

The lab is a little different to previous labs.

- The lab instructions are provided as a Jupyter notebook.
- The notebook is mainly for providing instructions.
- You will need to write code in an editor and run it from the command line.
- There will not be a 'solutions' notebook.

Obtaining the Jupyter Notebook

If you have cloned and pulled the module's GitHub repository then you should see,

```
materials/labs/  
├── 090_face_orientation_estimation.ipynb  
├── tools.py
```

Or you can download the notebook and data via links on Blackboard. Note, make sure that you also download the `tools.py` file.

Getting Help

- Feel free to ask questions about the assignment but please note:
 - We can give general advice but we cannot debug your code or reveal parts of the solution.
 - Questions that are answered to individuals will be noted and added to a FAQ available on Blackboard.
- Unfair means and collusion.
 - You may discuss ideas with other students but you must not share code.
 - You must not ask other students for help debugging code, or offer help.
 - If you are very stuck on the assignment then ask myself or one of the demonstrators.