COM6018 Data Science with Python

Lab 1: Introduction to Python

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In this lab

- Introduction to Python

- Working with Jupyter Notebooks

Lab Demonstrators

There are three Graduate Teaching Assistants (GTAs) who are here to help you with the labs.

- Robbie Sutherland

- Ali Alsari

- Guannan Lou

If you are stuck or need help, please just raise a hand.

Today's Lab

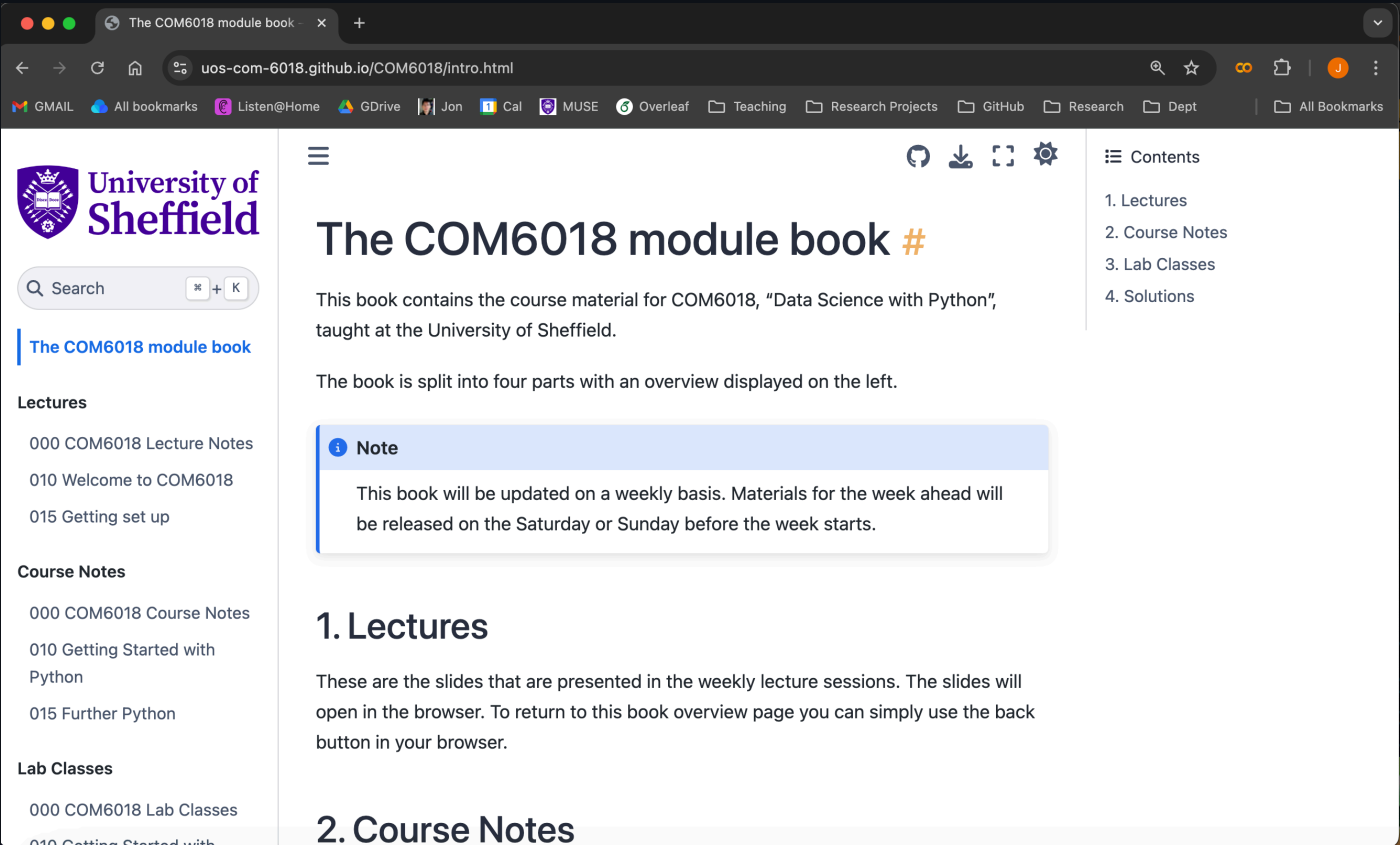If you have cloned the module's GitHub repository then you should see,

```
materials/labs/
├── 000_Introduction.md
├── 010_python_intro.ipynb
├── data
│   ├── Mine_Dataset.xls
│   ├── ch4.csv
│   ├── co2.csv
```

The lab is notebook is the file `010_python_intro.ipynb`

Or you can find it at https://uos-com-6018.github.io/COM6018/

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The Jupyterbook Website

https://uos-com-6018.github.io/COM6018/

Today's Lab

From here you can download the notebook as an ipynb file to run it on your own machine.

Or you can open it on Google Colab.

Running the notebook

Once you have downloaded the .ipynb file, you can run it on your own machine.

```
jupyter notebook 010_python_intro.ipynb
```

Or, if you have installed VS Code, you can open the notebook in VS Code and use the VS Code Jupyter extension.