

Module 1; Notebook 1 - Introduction to Jupyter Notebooks

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This notebook, albeit optional, is provided as a useful overview of the Jupyter Notebook platform we'll be using for the learning section of this workshop!

Jupyter Notebooks integrate your code and its output into a single document. These notebooks will contain the text, mathematical equations, and any visualisations that the code produces directly in the same page - it will act as our learning environment!

1.1 How to use these notebooks

Below you'll see a Python print command which we'll use as an example. If you select the cell and hit **ctrl+Enter** or even click the **Run** button along the nav bar at the top, the code within that cell will run and the output will be printed to the notebook.

```
[ ]: print("This is a Jupyter Notebook")
```

Throughout these notebooks, all sections will require the code cells to be ran in order - we encourage participants not to race through and run all the cells at once as this will greatly hinder their understanding of the material.

For some, this may not 'feel' like 'proper' coding however these interactive notebooks provide a great platform to experiment and learn the basics - we will be navigating over to VS Code later!