

Introduction to Python and Jupyter

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What is Jupyter?

Before we start learning Python, we need somewhere to write our code!

There are plenty of options...

- ▶ vim - basic text editor
- ▶ Sublime - sophisticated text editor
- ▶ PyCharm - Integrated Development Environment (IDE)
- ▶ Jupyter - web-based application for writing text and code

What is Jupyter?

Jupyter is included in the **Anaconda** Python distribution

- ▶ Anaconda is a Python distribution that installs Python plus popular scientific computing libraries

To launch Jupyter, go to the **prompt** and type

```
jupyter notebook
```

Tips for using Jupyter

- ▶ Run a cell with Shift + Enter
- ▶ Access documentation with Shift + Tab
- ▶ Enter **command mode** with Esc
- ▶ Enter **edit mode** with Enter
- ▶ Type \LaTeX with `\alpha` and then hitting tab