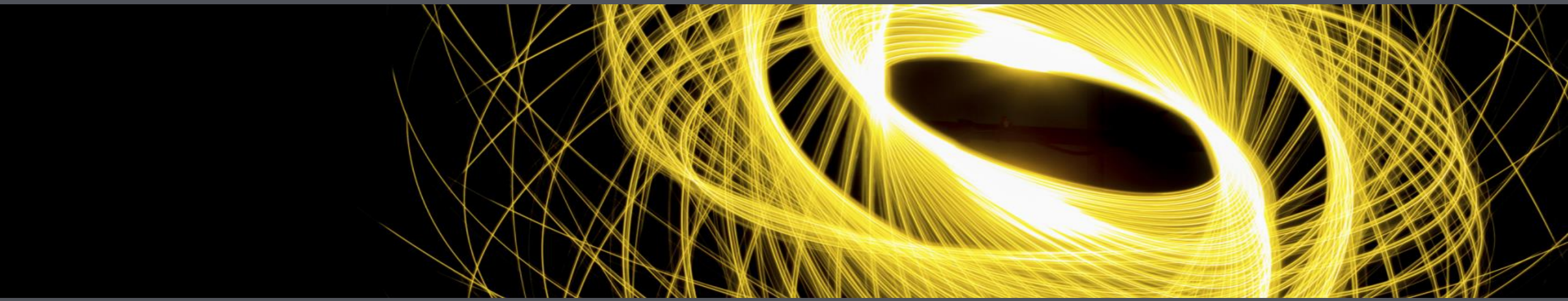
Department of Computer Science

University of Reading

CSMAD21 – Applied Data Science with Python



Environment Setup

Outline

- Software access options:
  - AppsAnywhere
  - Local Installation
  - Google Colab

AppsAnywhere

- This is the recommended method to access the tools needed for the Python module (Anaconda - Jupyter) specially during the lab sessions in Polly Vacher G56.

- To access, please follow the instructions provided in: Lecture Notes 2021-2022/Week 1 - L1_CS3PP19_Python for Data Science - Introduction_v1.0.pdf

Local Installation

- The second option recommended to perform the activities of the module is to install Anaconda. You can download the files from here:

https://www.anaconda.com/products/individual

- Here the Installation guide:

https://docs.anaconda.com/anaconda/install/

- Validate the installation following the steps of the following link:

https://docs.anaconda.com/anaconda/install/verify-install/

- To start a new Jupyter notebook once Anaconda has started, just select the option Jupyter. A web browser is going to open and from there you can create a new notebook (Lecture Notes 2020-2021/Week 1 - L1_CS3PP19_Python for Data Science - Introduction_v1.0.pdf).

Google Colab

- The third option is to use the Google Colab environment. Please follow the next steps.
- Go to:
  - https://colab.research.google.com/notebooks/intro.ipynb
- Login with a Gmail account.
- Go to "File" and then select "New notebook". This works as a Jupyter notebook so you can run Python code in it.

Questions

- Let me know during the practical (face to face or online).
- Send me an email to: **m.sanchezrazo@reading.ac.uk**
- **Book a meeting with me in the following link:**

https://outlook.office365.com/owa/calendar/MiguelSanchezAppointments@livereadingac.onmicrosoft.com/bookings/