DEPARTMENT FOR CONTINUING EDUCATION

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READING LIST

Course Title:	Python Programming for Data Science - Part 2
Location:	Ewert House, Oxford
Term Dates:	23 Apr 2024 to 02 Jul 2024
Tutor:	Massimiliano Izzo

The reading list below was supplied by the course tutor.

If you have enrolled on a course starting in the autumn, you can become a borrowing member of the Rewley House library from 1st September. If you are enrolled on a course starting in other terms, you can become a borrowing member once the previous term has ended. For example, students starting in January can join the Library in early December and those starting in April can join in early March.

If you are planning to purchase any books, please keep in mind that courses with insufficient students enrolled will be cancelled. The Department accepts no responsibility for books bought in anticipation of a course running.

Preparatory Reading List

The items on this list are to give you some background to the materials and ideas that we will be covering on the course.

Author	Title
Corey Schafer	*Jupyter Notebook tutorial (https://youtu.be/HW29067qVWk)*
George Seif	*'The 5 Basic Statistics Concepts Data Scientists Need to Know' (https://towardsdatascience.com/the-5-basic-statistics-concepts-data-scientists-need-to-know-2c96740377ae)*
Jake VandeerPlas	*Python Data Science Handbook (This book is a bit dated but still of outstanding quality. The book is available for free here: https://jakevdp.github.io/PythonDataScienceHandbook/)*
Mohit Deshpande	*'Overview of Machine Learning' (https://pythonmachinelearning.pro/overview-of-machine-learning/)*

Course Reading List

The items on this list are to support your learning while you are taking the course.

Author	Title
Luca Pietro Giovanni Antiga, Thomas Viehmann, Eli Stevens	*Deep Learning with PyTorch (Publisher(s): Manning Publications, ISBN: 9781617295263)*
Sebastian Raschka, Yuxi (Hayden) Liu	*Machine Learning with PyTorch and Scikit-Learn: Develop machine learning and deep learning models with Python (Packt, Feb 2022)*
Mohit Deshpande	*Machine Learning for Human Beings (https://pythonmachinelearning.pro/free-ebook-machine-learning-for-human-beings/)*