



STEM Research
Equality, Diversity and Inclusion

DATA SCIENCE COURSE – HANDS ON!

Registo:



O Data Science Course - Hands On! tem como foco principal o aprendizado prático de técnicas e ferramentas fundamentais da Ciência de Dados, combinando teoria e exercícios práticos. Durante as sessões, você aprenderá sobre Python, Visualização de Dados, Machine Learning, Deep Learning, Geração de Dados Sintéticos e muito mais!

Para quem é este curso?

- Estudantes e professores que desejam aprofundar seus conhecimentos em Ciência de Dados
- Qualquer um que queira aprender de forma prática, utilizando Python

Como funciona?

- Quando: Uma aula por semana, às quarta-feiras, das 18h às 20h
- Certificação: Emitida para participantes com pelo menos 75% de presença
- Linguagem principal: Python
- Material: Será disponibilizado antecipadamente

Title	Date
Python hands-on I	05 March
Data Visualization	12 March
Features Selection Methods	19 March
Unsupervised Learning: Clustering	26 March
Unsupervised Learning: Autoencoders	02 April
Synthetic Data Generation	09 April
Supervised Machine Learning	23 April
Deep learning: image processing	07 May
I have an algorithm! How to deploy it?	14 May
Digital Twin hands-on	21 May



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Registration:



The main focus of the Data Science Course - Hands On! is practical learning of fundamental Data Science techniques and tools, combining theory and practical exercises. During the sessions, you'll learn about Python, Data Visualisation, Machine Learning, Deep Learning, Synthetic Data Generation and much more!

Who is this course for?

Students and teachers who want to deepen their knowledge of Data Science
Anyone who wants to learn in a practical way, using Python

How does it work?

- When: One class per week, on Wednesdays, from 18h to 20h
- Certification: Issued to participants with at least 75% attendance
- Main language: Python
- Material: Will be provided in advance

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