

Introduction to machine learning in biomedical research - Part A

Course on Github

<https://github.com/Center-for-Health-Data-Science/IntroToML>

Note that it will change during the course

Machine learning is a very broad topic

We will cover the basics

- PCA, logistic regression, and other standard methods
- Basics of neural networks (feed-forward)
- The course is very practical:
 - Many exercises/practicals
 - The last two days consists of project work
- After the course you can do basic machine learning in python

We are using Google Colaboratory: colab.research.google.com

Welcome to Colab!

If you're already familiar with Colab, check out this video to learn about interactive tables, the executed code history view, and the command palette.

You can also
run on your
own computer
(jupyter
notebooks)



What is Colab?

Colab, or "Colaboratory", allows you to write and execute Python in your browser, with

- Zero configuration required
- Access to GPUs free of charge
- Easy sharing

Whether you're a **student**, a **data scientist** or an **AI researcher**, Colab can make your work easier. Watch [Introduction to Colab](#) to learn more, or just get started below!

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heads.ku.dk

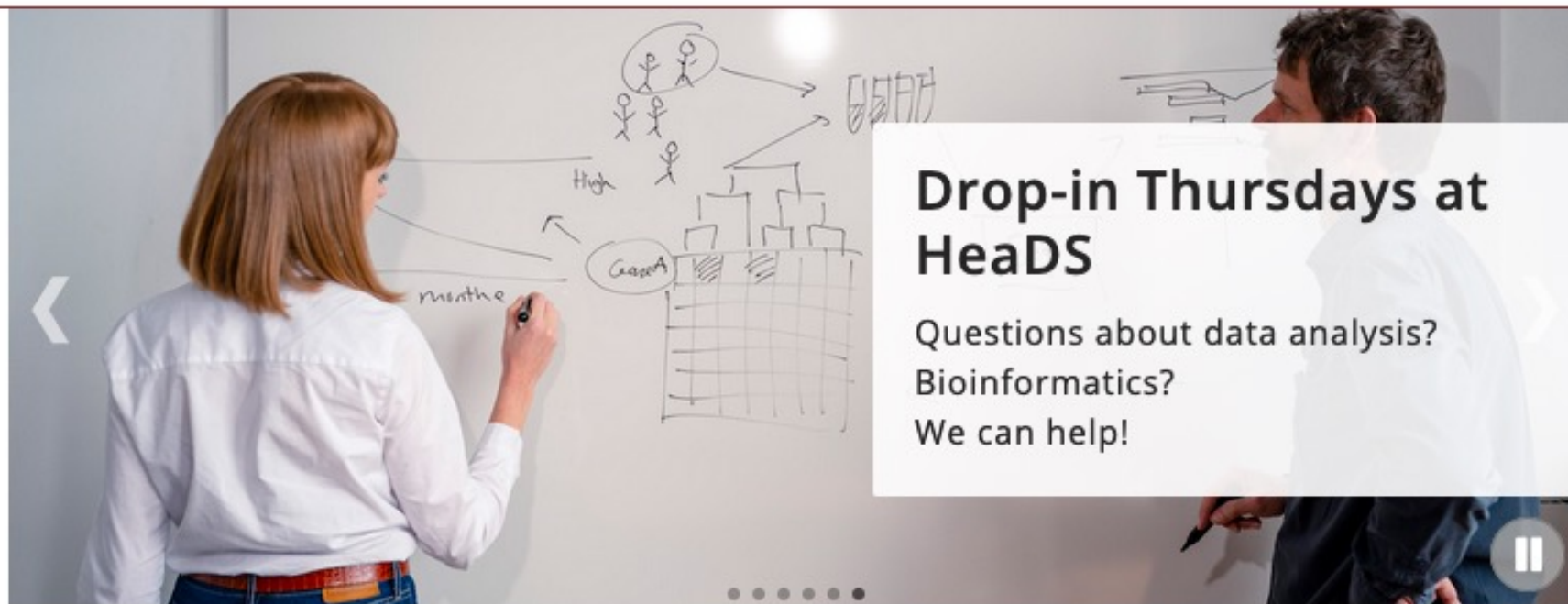


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Data Protection and GDPR

For Biomedical Researchers

May 24-25





Danish
Data Science
Academy



22nd of June 2023

Health Data Science Day

A conference on data science applications in health research

More Info:

<https://heads.ku.dk/>

Register here:

<https://eventsignup.ku.dk/health-data-science-day-2023/conference>

Hackathon

Hackathon - Application of machine learning in biomedical research



Provider: Faculty of Health and Medical Sciences

Activity no.: 3927-23-00-00

There are 26 available seats

Apply

Enrollment deadline: 27/04/2023

Date and time	08.05.2023, at: 09:00 - 12.05.2023, at: 17:00	
Regular seats	32	
Course fee	3,000.00 kr.	
Lecturers	Ruth Loos	
ECTS credits	4.00	
Contact person	Ulla Kløve Jakobsen	E-mail address: ulla.jakobsen@sund.ku.dk
Enrolment Handling/Course Organiser	PhD administration	E-mail address: phdkursus@sund.ku.dk

Aim and content

This course is free of charge for PhD students at Danish universities (except Copenhagen Business School), and for PhD Students from NorDoc member universities. All other participants must pay the course fee.

Anyone can apply for the course, but if you are not a PhD student at a Danish university, you will be placed on the waiting list until enrollment deadline. This also applies to PhD students from NorDoc member universities. After the enrollment deadline, available seats will be allocated to applicants on the waiting list.

<https://phdcourses.ku.dk/DetailKursus.aspx?id=110669&sitepath=SUND>

Enjoy the course!