Good Day All

The MUST Deep Learning research group invites you to attend its annual Deep Learning "bootcamp" between 29 January and 2 February 2024.

Who

MUST is a research group with a focus on understanding and applying deep learning.
Each year, a bootcamp is hosted to get new postgraduate students up to speed.
The bootcamp is presented by Prof Marelie Davel, 3 postdocs and 2 senior PhD students in the group.

Material

The bootcamp covers Chapters 1 to 11 of Understanding Deep Learning by Simon Prince.
This covers the fundamentals of Deep Learning, introducing topics such as supervised learning, linear regression, gradient descent, overfitting, and underfitting. It also delves into more advanced concepts including maximum likelihood estimation, optimization algorithms like SGD and Adam, regularization techniques, and convolutional neural networks.

Place

This is a hybrid event, taking place in person on the NWU-Potchefstroom campus along with a virtual option via Zoom.

Fees

The bootcamp is sponsored by NITheCS: *attendance* is free of charge.
Optional additional items (textbook, lunches) may be selected when registering.

Registration and deadlines

To sign up for this event, please register.

Please register before 29 December 2023, if you would like to order a textbook.
Please register before 8 January 2024, to attend in person.
Please register before 24 January 2024, to attend virtually.

We will confirm all registrations. Registration is only successful once confirmed.

Detail

See the hbootcamp programme for additional details.
About MUST Deep Learning: http://www.nwu.ac.za/must