DATA MIND
The Health Data Research Hub for Mental Health

MQ Mental health research

DATA SCIENCE WORKSHOP 2024

Natural Language Processing
Wednesday 23rd October

GET Connected

- Look for the list of available networks

- Connect to open

- Once connected, sign in

- If you don't receive a prompt, open your web browser and type in

- Once connected, login using your email address

- Once logged in the window may close, or you will be redirected to the organisation's website

Data Science workshop
23rd October 2024

to 10:00 **Registration**

10:00 **Introduction**
Angus Roberts

11:15 **Coffee break**

13:00 **Lunch**

15:15 **Coffee break**

17:00 **Discussion and final remarks**

Vector semantics and representing language

Supervised machine learning for a simple text classification problem

Word embeddings

A single artificial neuron - the perceptron

Building multi-layer neural networks

A simple neural network for text classification

Generative AI and prompt engineering

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SHARE YOUR FEEDBACK

Let us know what you thought about today's workshop by sharing your feedback.

Scan the QR code or visit:

https://forms.gle/DJ1iq5YbA21Lx13o6

Thank you

'Filled with expert knowledge and real-life experiences that will resonate with many readers'
Gemma Styles

Your
Mental Health

Understanding
Depression, Anxiety, PTSD, Eating Disorders & Self-Destructive Behaviour

EDITED BY TONY WESTBROOK & CHRIS BRADY

MQ Mental health research

An easy-to-read explanation of different mental health conditions, how it feels to have them and what the latest research says.

Perfect for psychology undergraduate reading lists.

FIND OUT MORE