Introduction to Artificial Neural Networks

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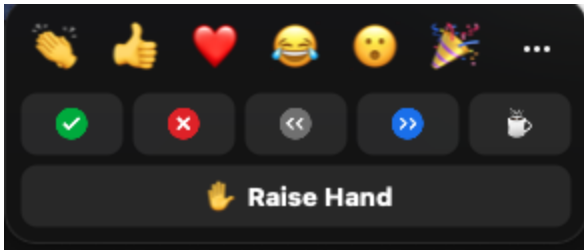**Chrystinne Fernandes**
Hugh Warden

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1

Schedule

- Defining the task

- Data visualisation

- Data preparation

- Neural networks

- Training and evaluation

- Explainability

Your feedback is important

- Please feel free to unmute and talk during the session.

- Also use the reactions.

- Newly created lesson.

- Plenty of areas for improvement!

Contributing

- All materials are in the Carpentries incubator:

    - https://github.com/carpentries-incubator/machine-learning-neural-python

- Please raise issues and to make pull requests! If you need help, email tompollardx@gmail.com.

Useful links

- Website: https://n8cir.org.uk/events/introduction-machine-learning-python/

- Class content: https://github.com/carpentries-incubator/machine-learning-neural-python

- Etherpad: https://pad.carpentries.org/2022-12-05-n8-neural-networks

- Computing platform: https://secure.epcc.ed.ac.uk/ed-dash-hub/

- Instructions for using the platform: https://epcced.github.io/eidf-docs/bespoke/eddash/workshops/