Imperial College London

ACSE Module-8 "Machine Learning"

Olivier Dubrule and Navjot Kukrejat

People Involved

- *Teaching in Alternance, Olivier focussing on theory and Navjot on coding:*

  - Olivier Dubrule and Navjot Kukreja

- *Assisted by:*

  - Harriett Dawson, Andrea Gayon Lombardo, Deborah Pelacani-Cruz, Zainab Titus, Mingrui Zhang

ACSE Module 8 Schedule (1)

- Monday 27 and Tuesday 28 April:
  Introduction to Machine Learning and Logistic Regression

- Wednesday 29 (morning) and Thursday 30 April:
  Feed-Forward Neural Networks

- Friday 1 and Monday 4 May:
  Regularization, Bias and Variance…

- Tuesday 5 and Thursday 7 May:
   Convolutional Neural Networks

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ACSE Module 8 Schedule (2)

- Monday 11 and Tuesday 12 May:
  Recurrent Neural Networks and Probabilities for Deep Learning

- Thursday 14 and Friday 15 May:
  Unsupervised Learning: Introduction to Generative Models

- Monday 18 May to Friday 22 May:
  ACSE-4.4 Mini-Project on Deep Learning

- Friday 29 May: Module 8 Exam

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Module 8 – Assessment

- Two Courseworks (40%).

- One Exam (60%).

Location of Files of O. Dubrule slides and exercises

https://imperialcollegelondon.box.com/v/ACSE-8-Course-Materials-201920