

IT 585

ADVANCED MACHINE LEARNING

3 Lectures + 1 lab (2 hrs)

Reference Books

- Pattern Recognition & Machine Learning - Bishop
- PROBABILISTIC MACHINE LEARNING - Murphy
- Learning from Data - Magdon, Mustafa et al.
- Understanding Machine Learning Shalev, Shwartz

* Will point to other material as & when required.

Evaluation:-

- 1) Midsem - 20%
- 2) End Sem - 30%
- 3) LAB - 10%
- 4) Reproducibility challenge + Project - 30%
- 5) Teach Me something - 10%

Reproducibility Challenge Venues

NeurIPS	2023
ICML	2023
ICLR	2023
ACL	2023
EMNLP	2023
ICCV	2023
CVPR	2023
AAAI	2023
ACM FAccT	2023