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Literature for STAN47, Statistics: Deep Learning and Artificial Intelligence Methods applies from the spring semester 2024

Literature established by The Board of the Department of Statistics on 2023-10-30 to apply from 2023-11-06

Obligatorisk/Requested

Goodfellow, I., Bengio, Y. & Courville, A. (2016). *Deep learning.* MIT Press. [The book is freely available at https://www.deeplearningbook.org/]
ISBN: 9780262035613

Rekommenderad/Recommended

Ketkar, N. (2017). *Deep Learning with Python A Hands-on Introduction.* APRESS.
ISBN: 9781484227664

Chollet, F. & Allaire, J.J. (2018). *Deep Learning with R.* Manning.
ISBN: 9781617295546

Zhang, A., Lipton, Z.L., Li, M. & Smola, A.J. (2023). *Dive into Deep Learning.* Cambridge University Press. [The book is freely available at https://d2l.ai/]
ISBN: 9781009389433

Allmänt och fördjupande/General and further reading

Nielsen, M.A. (2015). *Neural Networks and Deep Learning.* Determination Press. [The book is freely available at http://neuralnetworksanddeeplearning.com/]