Additional readings & helpful references

Below you find a selection of additional material for you that may be helpful to keep alongside the course.

Please note that this material is optional and not intended as integral part of the course.

**Books**

Aurélien Géron - Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow, 2nd Edition, O'Reilly Media, Inc., 2019.

Francois Chollet - Deep Learning with Python, Manning Publications, 2017.

Oliver Dürr, Beate Sick, Elvis Murina - Probabilistic Deep Learning With Python, Keras and TensorFlow Probability, Manning Publications, 2020.

Cameron Davidson-Pilon - Bayesian Methods for Hackers: Probabilistic Programming and Bayesian Inference, Addison-Wesley Data & Analytics, 2015.

**Web Resources**

For a review of the field of deep learning:

<https://www.deeplearning.ai/deep-learning-specialization/>

For a review of Bayesian methods used in machine learning:

<https://www.coursera.org/learn/bayesian-methods-in-machine-learning>

For a general introduction to probability theory:

Sheldon Ross - A First Course in Probability. ISBN 9780321794772, Pearson Education, Incorporated, 2014.