Chapter 3

Simon Ward-Jones
simonwardjones16@gmail.com

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Link to chapter

1 Linear Regression

- Linear model

- Mini batch stochastic gradient descent

- Vectorisation of algorithms leeds to massive efficiency gains

- Minimizing the mean squared error is equivalent to maximum likelihood estimation of a linear model under the assumption of additive Gaussian noise

References

Zhang, A., Lipton, Z. C., Li, M., & Smola, A. J. (2020). *Dive into deep learning.* (`https://d2l.ai`)