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otivating example

Support Vector Machine

Hinge Loss

- Technically
- xx
- Methodologically
- xx

Thank You!

Q&A

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Reference

- [1] Shalev-Shwartz, Shai, et al. "Pegasos: Primal estimated sub-gradient solver for svm." Mathematical programming 127.1 (2011): 3-30.
- [2] Lacoste-Julien, Simon, Mark Schmidt, and Francis Bach. "A simpler approach to obtaining an $o(1/t)$ convergence rate for the projected stochastic subgradient method." arXiv preprint arXiv:1212.2002 (2012).
- [3] Takáč Martin, et al. "Mini-batch primal and dual methods for SVMs." arXiv preprint arXiv:1303.2314 (2013).
- [4] Zhao, Peilin, and Tong Zhang. "Stochastic optimization with importance sampling." arXiv preprint arXiv:1401.2753 (2014).