Week 2 Optional References

Week 2: Select and Train Model

If you wish to dive more deeply into the topics covered this week, feel free to check out these optional references. You won't have to read these to complete this week's practice quizzes.

Establishing a baseline

Error analysis

Experiment tracking

Papers

Brundage, M., Avin, S., Wang, J., Belfield, H., Krueger, G., Hadfield, G., … Anderljung, M. (n.d.). Toward trustworthy AI development: Mechanisms for supporting verifiable claims∗. Retrieved May 7, 2021http://arxiv.org/abs/2004.07213v2

Nakkiran, P., Kaplun, G., Bansal, Y., Yang, T., Barak, B., & Sutskever, I. (2019). Deep double descent: Where bigger models and more data hurt. Retrieved from http://arxiv.org/abs/1912.02292

Completed

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https://neptune.ai/blog/ml-experiment-tracking
https://blog.ml.cmu.edu/2020/08/31/3-baselines/
https://techcommunity.microsoft.com/t5/ai-machine-learning-blog/responsible-machine-learning-with-error-analysis/ba-p/2141774

Papers

Brundage, M., Avin, S., Wang, J., Belfield, H., Krueger, G., Hadfield, G., … Anderljung, M. (n.d.). Toward trustworthy AI development: Mechanisms for supporting verifiable claims ∗ . Retrieved May 7, 2021http://arxiv.org/abs/2004.07213v2

Nakkiran, P., Kaplun, G., Bansal, Y., Yang, T., Barak, B., & Sutskever, I. (2019). Deep double descent: Where bigger models and more data hurt. Retrieved from http://arxiv.org/abs/1912.02292