

Next Steps

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 - graphical models, probabilistic learning and inference, probabilistic programming
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- Worth looking more into probabilistic approaches
 - graphical models, probabilistic learning and inference, probabilistic programming
 - books by David Barber and Kevin Murphy
- Learn more about neural networks
 - Neural networks for NLP (Yoav Goldberg's book)
 - Deep learning book (Goodfellow et al.)
 - Stanford's CS231n: Neural Networks for Vision (lecture on YouTube)

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- ② Read on some “second semester” topics
 - Latent Dirichlet Allocation (LDA) / Topic Models
 - Sequence models: Hidden Markov Models / MEMMs / CRFs (Amanda Stent’s NLP course in 2018)
 - Bayesian methods
 - Collaborative Filtering / Recommendations
 - Ranking
 - Bandit problems (Thompson sampling / UCB methods)
 - Gaussian processes