

DEEP LEARNING ROADMAP

2021

SWIPE →



Part 01

Applied Mathematics

- Linear Algebra
- Probability and Information Theory
- Numerical Computation for Machine Learning
- Machine Learning Basics

Part 02

Deep Learning Modern Practices

- Deep Feedforward Networks
- Regularization for Deep Learning
- Optimization for Training Deep Models
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs)
- Deep Learning Methodology
- Deep Learning Applications

Part 03

Deep Learning Research Topics

- Linear Factor Models
- AutoEncoders
- Representation Learning
- Structured Probabilistic Models For Deep Learning
- Monte Carlo Methods
- The Partition Function
- Approximate Inference
- Deep Generative Models



FOUND IT HELPFUL?

Let us know in the comments

At DDS, we will help you build a career in Data Science

[LINK IN BIO](#)
