

Plan of Action

Neural Networks and Deep Learning

Mentor: _____

For this project the following chapters refer to chapters of book *Deep Learning* by *Yoshua Bengio*

Week 1: Finish Chp 1 (Introduction) and Chp 2 (Linear Algebra)

Week 2: Finish Chp 3 (Probability Theory) and Chp 4 (Numerical Computation)

Week 3: Finish Chp 5 (ML Basics)

Week 4: Finish Chp 6 (Deep Feedforward Networks) and Midterm Report

Week 5: Finish Chp 7 (Regularization for Deep Learning)

Week 6: Finish Chp 8 (Optimization for Training Deep Models)

Week 7: Do a hands-on project using Deep Learning

Week 8: Continue the Project and Write Endterm Report