

Introduction to Neural Networks

About this Course

Courses in this Specialization

- 1. Neural Networks and Deep Learning <
- 2. Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- 3. Structuring your Machine Learning project
- 4. Convolutional Neural Networks
- 5. Natural Language Processing: Building sequence models

Outline of this Course

Week 1: Introduction

Week 2: Basics of Neural Network programming

Week 3: One hidden layer Neural Networks

Week 4: Deep Neural Networks