

DEEP LEARNING SPECIALISATION

COURSE 1: NNs and DL

Specialisation contents

1. NNs and DL
2. Improving Deep NNs: Hyperparameter tuning, Regularisation and Optimisation
3. Structuring ML projects
4. CNNs
5. Sequence Models

Course contents

~~Course contents: NN Basics~~

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- Wk 1: Intro to DL
 - Welcome
 - Intro to DL
 - Heroes of DL (Optional)
- Wk 2: NN Basics
 - Log. Reg as a NN
 - Python and Vectorisation
 - Assignments
 - Heroes of DL (Optional)
- Wk 3: Shallow NNs
 - Shallow NN
 - Assignment
 - HoDL
- Wk 4: Deep NNs
 - Deep NN
 - Assignments