

ONE FOURTH LABS

PADHAI A HANDS-ON COURSE IN DEEP LEARNING

COURSE SYLLABUS



ACCESS THE COURSE AT: WWW.GUVI.IN/DEEP-LEARNING

SYLLLABUS

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- **5: PYTHON BASICS**
- 6: EXPERT SYSTEMS 6 JARS
- 7: VECTORS AND MATRICES
- 8: PYTHON MORE BASICS + LINEAR ALGEBRA
- 9: MP NEURON
- 10: Perceptron
- 11: PYTHON: MP NEURON, PERCEPTRON, TEST/TRAIN
- 12: CONTESTS
- 13: CONTEST 1.1: MOBILE PHONE LIKE/DISLIKE PREDICTOR
- 14: SIGMOID NEURON, GRADIENT DESCENT
- 15: PYTHON: SIGMOID, GRADIENT DESCENT
- 16: PYTHON: SIGMOID, GRADIENT DESCENT (CONTD)
- 17: BASIC: PROBABILITY THEORY
- 18: INFORMATION THEORY
- 19: SIGMOID NEURON AND CROSS ENTROPY
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- 22: CONTEST 1.3 (ADVANCED): BINARY TEXT/NOTEXT CLASSIFICATION
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- 28: BACKPROPAGATION (VECTORIZED)
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SYLLLABUS - CONTD

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