edX

Course Progress for 'sandipan_dey' (sandipan.dey@gmail.com)
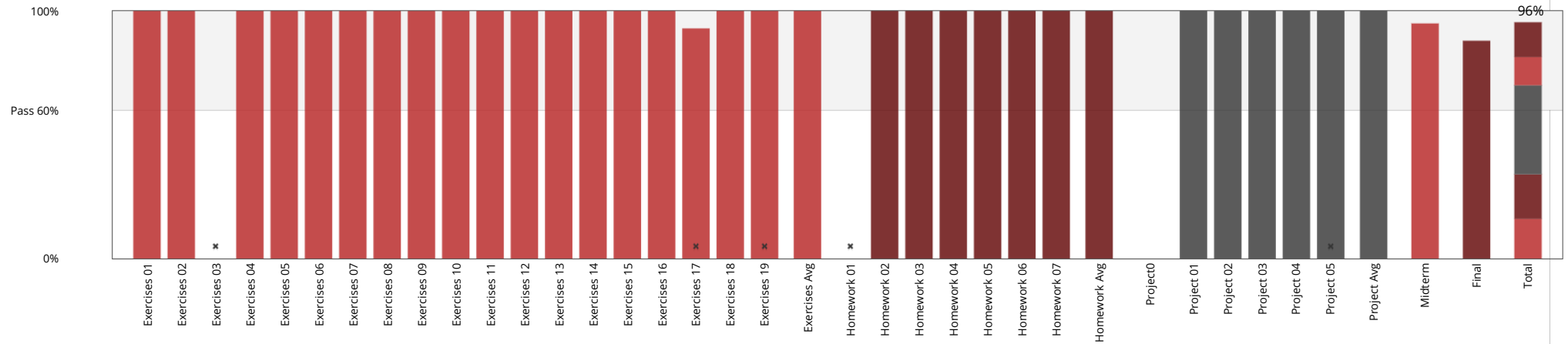
Unit 0. Course Overview,
Homework 0, Project 0 (1 week)

Course overview

No problem scores in this section

edX Tutorial

No problem scores in this section

Discussion forum and collaboration guidelines

No problem scores in this section

Homework mechanics and standard notation

Practice Scores: 0/0   0/0   0/0   0/0   0/0   0/0

Micromasters, Certification, and Honor Pledge

Practice Scores: 0/0

Brief Review of Vectors, Planes, and Optimization

No problem scores in this section

Homework 0 (0/32) 0%

Homework *due Jun 20, 2019 05:29 IST*

Problem Scores: 0/3   0/1   0/1   0/3   0/1   0/1   0/1   0/1   0/4   0/1   0/1   0/1   0/1   0/1   0/1   0/1
0/1   0/1   0/1   0/1   0/1   0/1   0/1   0/1

Project 0 Setup, Numpy Exercises, Tutorial on Common Packages (0/5) 0%

Project0 *due Jun 28, 2019 05:29 IST*

Problem Scores: 0/1   0/1   0/1   0/1   0/1

Entrance Survey

Entrance survey

No problem scores in this section

Unit 1 Linear Classifiers and
Generalizations (2 weeks)

Course Introduction

No problem scores in this section

Lecture 1. Introduction to Machine Learning (11/11) 100%

Exercises *due Jun 27, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1

Lecture 2. Linear Classifier and Perceptron (18/18) 100%

Exercises *due Jun 27, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1
1/1   1/1   0/0

Lecture 3 Hinge loss, Margin boundaries and Regularization (0/12) 0%

Exercises *due Jun 27, 2019 05:29 IST*

Problem Scores: 0/1   0/1   0/1   0/3   0/4   0/1   0/1

Homework 1 (28/28) 100%

Homework *due Jun 27, 2019 05:29 IST*

Problem Scores: 4/4   1/1   4/4   1/1   0/0   0/0   2/2   2/2   3/3   2/2   2/2   1/1   2/2   1/1   2/2   1/1
0/0   0/0   0/0   0/0   0/0   0/0

Lecture 4. Linear Classification and Generalization (11/11) 100%

Exercises *due Jul 3, 2019 05:29 IST*

Problem Scores: 1/1   1/1   2/2   2/2   1/1   1/1   1/1   1/1   1/1

Homework 2 (12/12) 100%

Homework *due Jul 3, 2019 05:29 IST*

Problem Scores: 1/1   2/2   1/1   1/1   1/1   1/1   3/3   1/1   1/1

Project 1: Automatic Review Analyzer (39/39) 100%

Project *due Jul 5, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   1/1   1/1   6/6   1/1   1/1   1/1   3/3   7/7   1/1   10/10   1/1
1/1

Unit 2 Nonlinear Classification, Linear regression, Collaborative Filtering (2 weeks)

Lecture 5. Linear Regression (9/9) 100%

Exercises *due Jul 14, 2019 05:29 IST*

Problem Scores:	1/1	1/1	1/1	1/1	1/1	1/1	0/0	1/1	1/1	1/1

Lecture 6. Nonlinear Classification (13/13) 100%

Exercises *due Jul 14, 2019 05:29 IST*

Problem Scores:	1/1	1/1	1/1	2/2	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1

Lecture 7. Recommender Systems (9/9) 100%

Exercises *due Jul 14, 2019 05:29 IST*

Problem Scores:	0/0	0/0	2/2	2/2	1/1	1/1	1/1	2/2

Homework 3 (25/25) 100%

Homework *due Jul 14, 2019 05:29 IST*

Problem Scores:	1/1	2/2	1/1	1/1	1/1	1/1	1/1	2/2	1/1	1/1	2/2	5/5	2/2	2/2	2/2

Project 2: Digit recognition (Part 1) (72/72) 100%

Project *due Jul 19, 2019 05:29 IST*

Problem Scores:	5/5	1/1	1/1	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	1/1	1/1	2/2	3/3	3/3
1/1	3/3	3/3	1/1	1/1	3/3	1/1	1/1	1/1								

Unit 3 Neural networks (2.5 weeks)

Lecture 8. Introduction to Feedforward Neural Networks (14/14) 100%

Exercises *due Jul 28, 2019 05:29 IST*

Problem Scores: 2/2 2/2 2/2 3/3 2/2 1/1 1/1 1/1

Lecture 9. Feedforward Neural Networks, Back Propagation, and Stochastic Gradient Descent (SGD) (5/5) 100%

Exercises *due Jul 28, 2019 05:29 IST*

Problem Scores: 1/1 1/1 1/1 1/1 1/1

Lecture 10. Recurrent Neural Networks 1 (18/18) 100%

Exercises *due Jul 28, 2019 05:29 IST*

Problem Scores: 1/1 1/1 1/1 3/3 1/1 6/6 1/1 1/1 1/1 1/1 1/1

Lecture 11. Recurrent Neural Networks 2 (18/18) 100%

Exercises *due Jul 28, 2019 05:29 IST*

Problem Scores: 1/1 2/2 1/1 2/2 1/1 3/3 3/3 3/3 1/1 1/1

Homework 4 (26/26) 100%

Homework *due Jul 28, 2019 05:29 IST*

Problem Scores: 2/2 1/1 3/3 3/3 1/1 1/1 1/1 2/2 2/2 4/4 4/4 1/1 1/1

Lecture 12. Convolutional Neural Networks (11/11) 100%

Exercises *due Aug 2, 2019 05:29 IST*

Problem Scores: 2/2 1/1 2/2 2/2 1/1 1/1 1/1 1/1

Project 3: Digit recognition (Part 2) (39/39) 100%

Project *due Aug 2, 2019 05:29 IST*

Problem Scores: 2/2 2/2 5/5 5/5 1/1 1/1 1/1 5/5 3/3 3/3 5/5 5/5 1/1

Midterm Exam (1 week)

Midterm Exam 1 (36/38) 95%

Midterm *due Aug 8, 2019 05:29 IST*

Problem Scores: 2/2 1/1 2/2 1/1 1/1 1/1 1/1 2/2 1/1 1/1 3/3 1/1 1/1 1/1 0/1 1/1
3/3 4/4 1/2 5/5 3/3

Unit 4 Unsupervised Learning (2 weeks)

Lecture 13. Clustering 1 (21/21) 100%

Exercises *due Aug 18, 2019 17:29 IST*

Problem Scores: 3/3 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 3/3 2/2 3/3 1/1 1/1

Lecture 14. Clustering 2 (10/10) 100%

Exercises *due Aug 18, 2019 17:29 IST*

Problem Scores: 1/1 2/2 1/1 1/1 1/1 2/2 1/1 1/1

Lecture 15. Generative Models (22/22) 100%

Exercises *due Aug 18, 2019 17:29 IST*

Problem Scores: 1/1 1/1 1/1 1/1 1/1 1/1 1/1 2/2 1/1 1/1 2/2 1/1 1/1 2/2 1/1 1/1
1/1 1/1 1/1

Lecture 16. Mixture Models; EM algorithm (19/19) 100%

Exercises *due Aug 18, 2019 17:29 IST*

Problem Scores: 1/1 1/1 1/1 4/4 5/5 3/3 1/1 3/3

Homework 5 (32/32) 100%

Homework *due Aug 18, 2019 17:29 IST*

Problem Scores: 4/4 4/4 4/4 4/4 1/1 1/1 1/1 1/1 1/1 5/5 3/3 1/1 1/1 1/1

Project 4: Collaborative Filtering via Gaussian Mixtures (14/14) 100%

Project *due Aug 23, 2019 05:29 IST*

Problem Scores: 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1

Unit 5 Reinforcement Learning
(2 weeks)

Lecture 17. Reinforcement Learning 1 (14/15) 93%

Exercises *due Sep 1, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/2   1/1   1/1   1/1   1/1   1/1   1/1

Lecture 18. Reinforcement Learning 2 (9/9) 100%

Exercises *due Sep 1, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1   1/1

Lecture 19: Applications: Natural Language Processing (8/8) 100%

Exercises *due Sep 1, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   0/0   1/1   1/1   1/1

Homework 6 (36/36) 100%

Homework *due Sep 3, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   4/4   3/3   1/1   1/1   6/6   3/3   5/5   3/3   3/3   1/1   1/1   1/1

Project 5: Text-Based Game (14/14) 100%

Project *due Sep 7, 2019 05:29 IST*

Problem Scores: 1/1   1/1   1/1   1/1   1/1   1/1   2/2   0/0   0/0   1/1   1/1   1/1   1/1   1/1   1/1

Final exam (1 week)

Final Exam (39/44.5) 88%

Final *due Sep 10, 2019 19:29 IST*

Problem Scores: 0/0   2/2.5   4/4   1/1   3/3   1/3   1/1   4/4   1/1   1/1   0/1   3/3   1/1   1/1   1/1   1/1
2/2   3/3   1/2   1/1   2/2   3/3   0/1   1/1   1/1

Exit Survey

Exit survey

No problem scores in this section