Machine Learning for Beginners

Session 1: June 12, 2023 – Jun 16, 2023
Session 2: July 17, 2023 – July 21, 2023
Meeting Time: 8:30am – 11am Eastern Time

Course content

- Programming in Python
- Plotting functions
- Processing images
- Matrices and vectors
- Line fitting
- Minimizing functions
- One-layer neural network
- Convolution
- Multi-layer neural network
- Recognizing digits

The course is suitable for:
- High School / College Freshmen
- Interested in math and science
- Pre-requisites: Algebra + Calculus
- No programming background required

Instructors

Prof. Stanley Chan
Elmore Associate Professor
Electrical & Computer Engr.
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Nick Chimitt
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PhD student
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