



Machine Learning: Foundations and Applications

MATH 260J, Fall 2017, TR 2-3:15

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Summary: This course aims to give an accessible introduction to machine learning and its practical applications in recent data-driven fields, the natural sciences, and engineering.

Topics (subset):

- Learning frameworks.
- Neural Networks, Support Vector Machines, Graphical Models.
- Probabilistic Approaches.
- Dimensionality Reduction.
- Deep Learning Methods.
- Foundations and Applications.

