

Machine Learning Lecture 1.

Board ML Tasks.

- Classification:
 - ~~Dimensionality~~ / loss function 不同
 - regression:
 - Rank:
 - clustering:
 - Dimensionality Reduction:
- } label data
- } not labeled.

问题:

- 什么能被学
 - learning guarantees ——— 要讲
 - 算法分析 ——— 要讲
 - efficient / accurate
 - large-scale of problem
 - ~~dis~~ various problems.
- + { 一些算法
应用.

定义:

Example:

Features:

Labels:

Data:

training: ~~labeled~~ labeled

test: label not imported

validation: 调参用的

Learning Scenario:

batch: 一次学习 } Setting
on-line: 一个一个学 }

Queries:

active: 可以 ~~要~~ label

passive: 可以 收 label.