H2O.ai

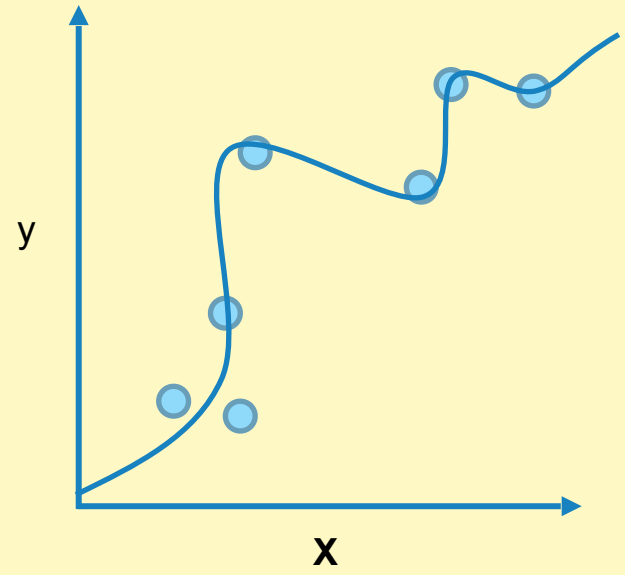
What is Machine Learning?

- Set of statistical and optimization tools to model data
  - Supervised Learning
  - Unsupervised Learning

- Focus on “production analytics”
  - Reducing need for
    - Sampling
    - Periodic revision of models
    - Subjective priors
    - Hand coding models in a production language

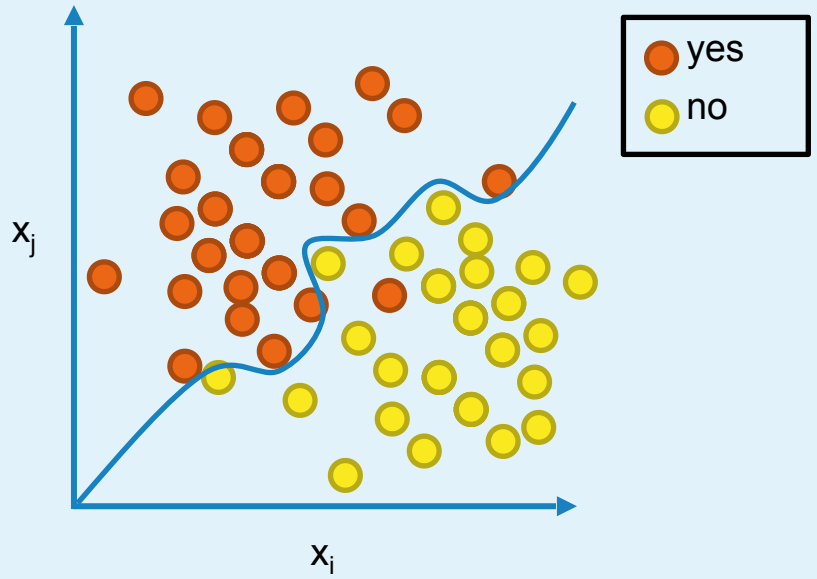
Supervised Learning

Regression:
How much will a customers spend?



H_2O algos:
Penalized Linear Models
Random Forest
Gradient Boosting
Neural Networks
Stacked Ensembles

Classification:
Will a customer make a purchase? Yes or No



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