

gis style?

- I expect you to write 3 programs + disc  
(e.g., in python-notebook) → this will be during the
  - You do it have to one
  - Office hours TBA
  - You can always e-mail me: bdyda@p
  - Python 3 + numpy
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# Machine Learning

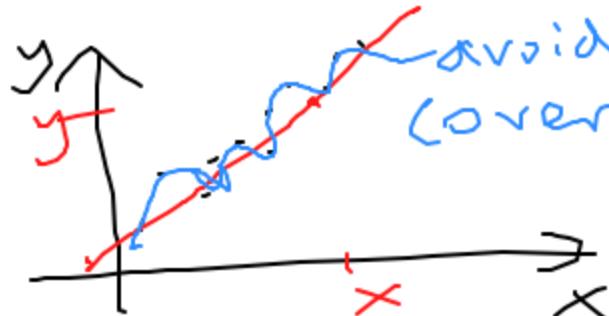
## Supervised learning

- data + labels

e.g. decision trees  
neural nets

- continuous data  
'regression'-like

Data is usually split:



- ## unsupervised learning
- clustering algorithms  
e.g. k-means



- reduction of dimension



## reinforcement

e.g. chess / game  
MCTS (Monte Carlo Tree Search)

