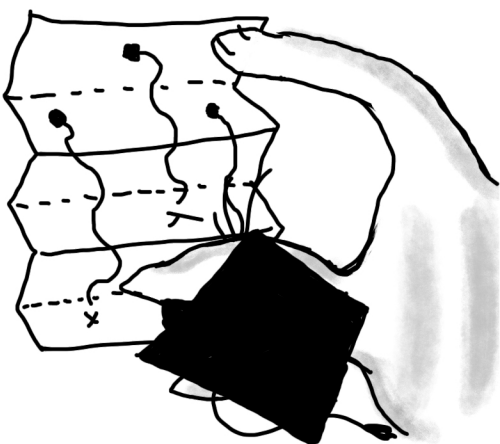
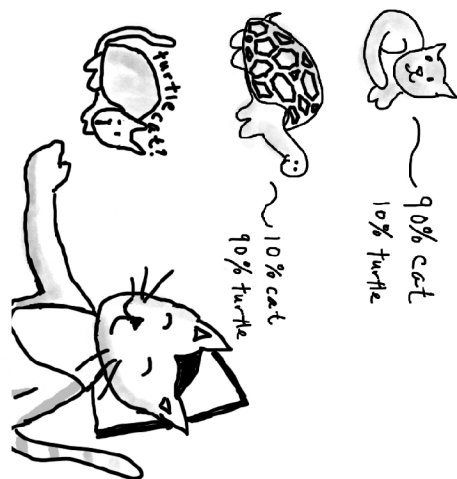


training data
labeled data
It

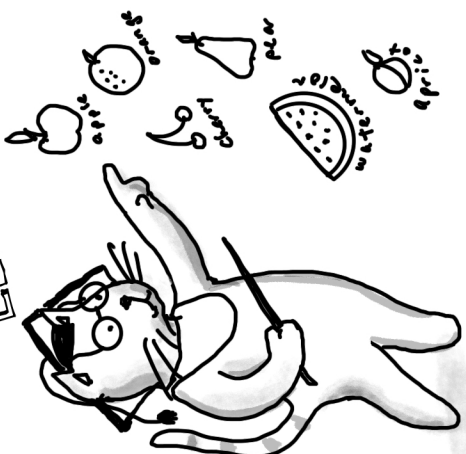
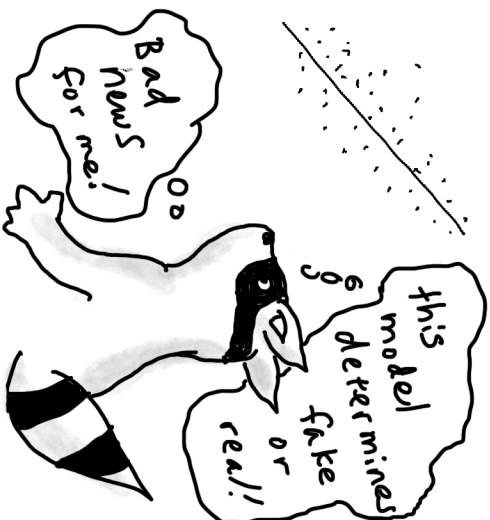


Algorithms analyze
training data and
produce an inferred
function



based on example pairs
maps input to output
supervised learning

Common algorithms are linear
regression, logistic regression,
support vector machines, neural
networks, nearest neighbor
networks and more...



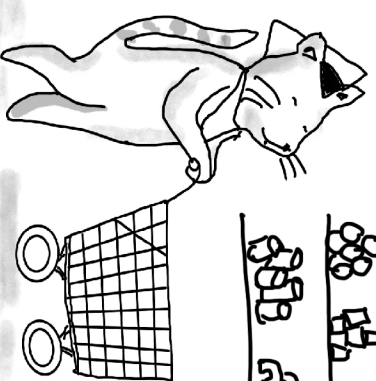
WHAT EVEN IS
SUPERVISED
LEARNING?

MAINE LEARNING

With Professor Puff



Data Emporium



Pick the algorithm
to fit the data

Common problems
to solve with
supervised learning:

- ✓ Object recognition
- ✓ Speech recognition
- ✓ Handwriting analysis
- ✓ Pattern recognition

