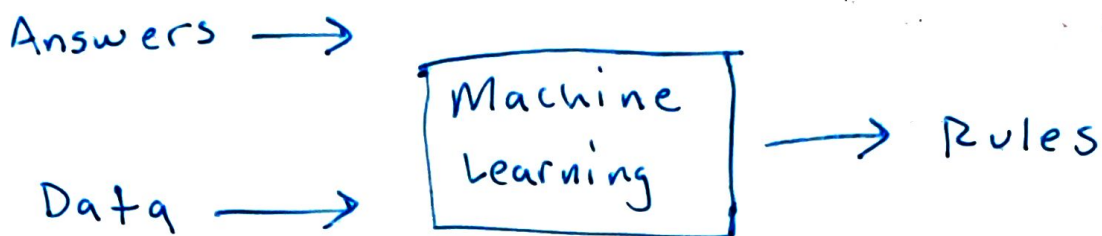


Data Science Fundamentals

Machine Learning : Answers == Labels == supervised learning

- Supervised Learning - Labeled data (the answers to previous data) to make prediction on future data
- Unsupervised Learning - No labels / No Answers
• Purely algorithmic approach to measure



Reinforced Learning

Two algos
(A: Does Task B: Rewards A if it's right)
* Key Concepts in Data Science *

Algorithms

- Recipe for computers
- Series of repeatable steps to accomplish specific tasks or solve problems

ex) Linear and Logistic regression, Naive Bayes, and KNN (K-Nearest Neighbors)

Machine Learning

- Helps computers predict w/out explicit human input
- Patterns are extracted using algorithms to make mathematical model (then predicts outcomes of new observations)