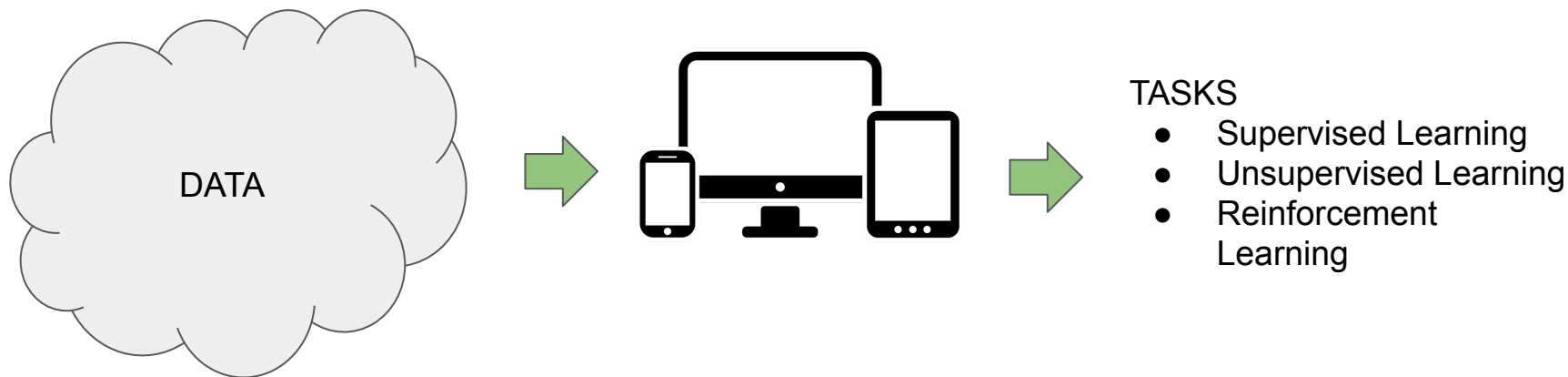


Machine Learning

AP 186 Lecture

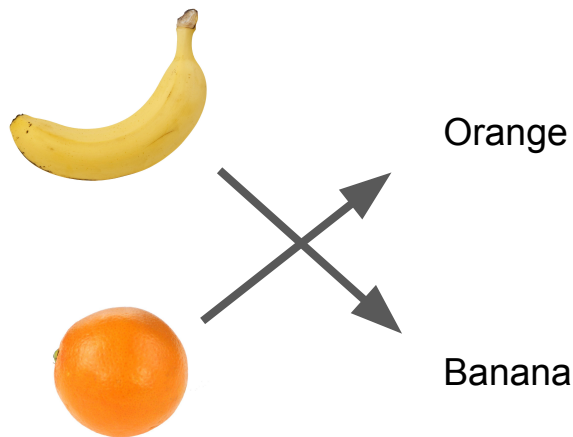
Machine Learning



Supervised Learning - mapping into input-output pairs

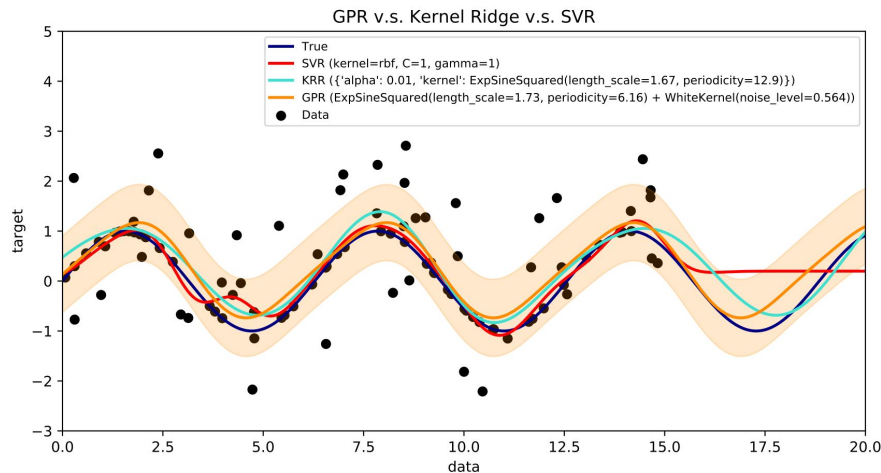
Classification

Data → Discrete Labels



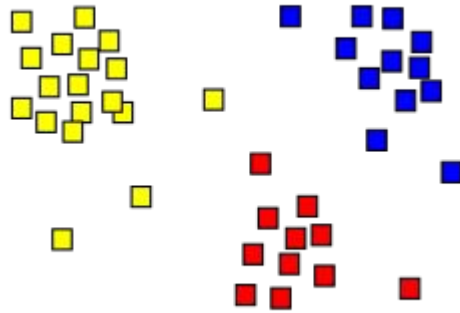
Regression

Data → Continuous Values

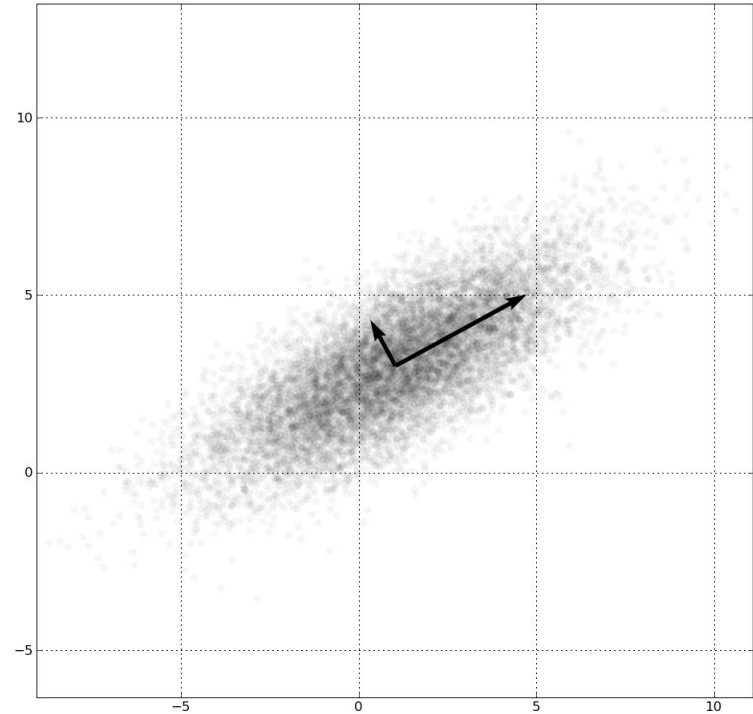


Unsupervised Learning - finding patterns in unlabelled data

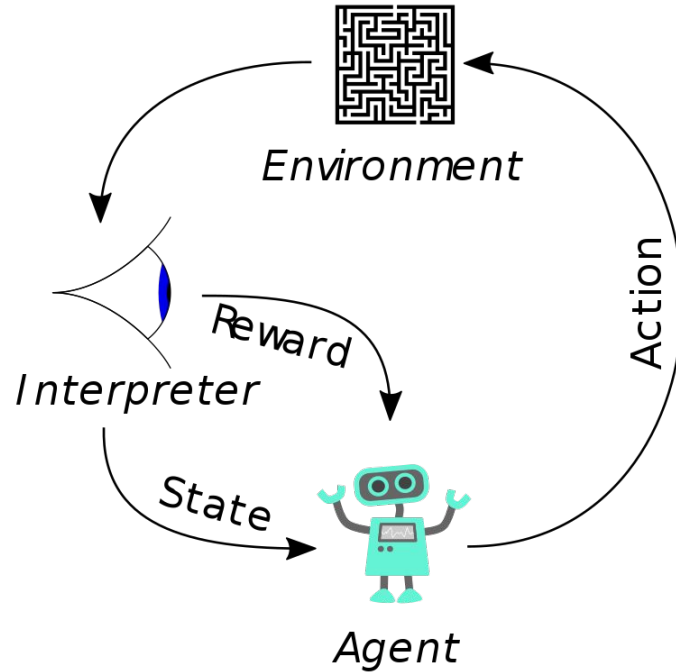
Clustering



Compression



Reinforcement Learning - positive feedback loop; explore vs exploit; data obtained from interacting with environment.



Machine Learning Workflow for Predictive Modeling

