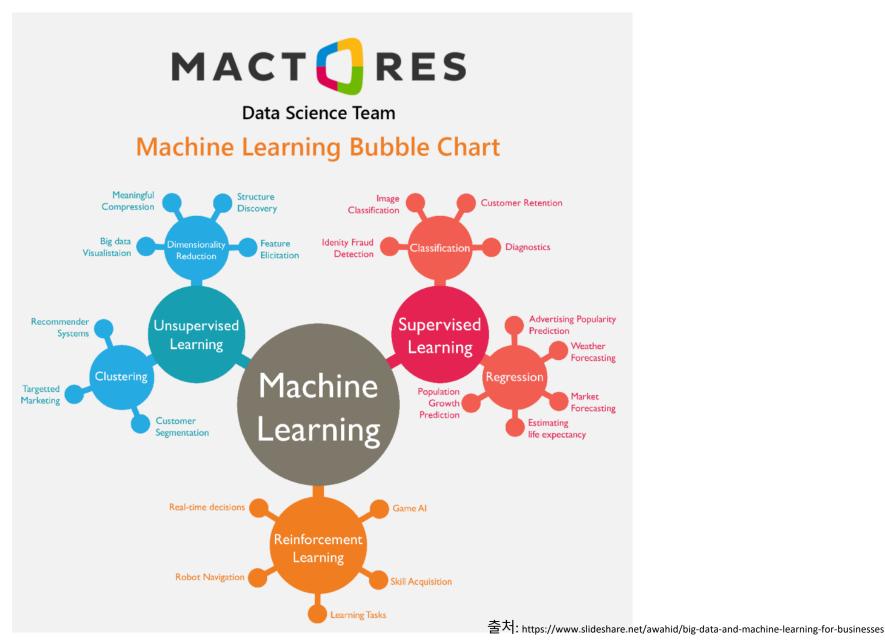
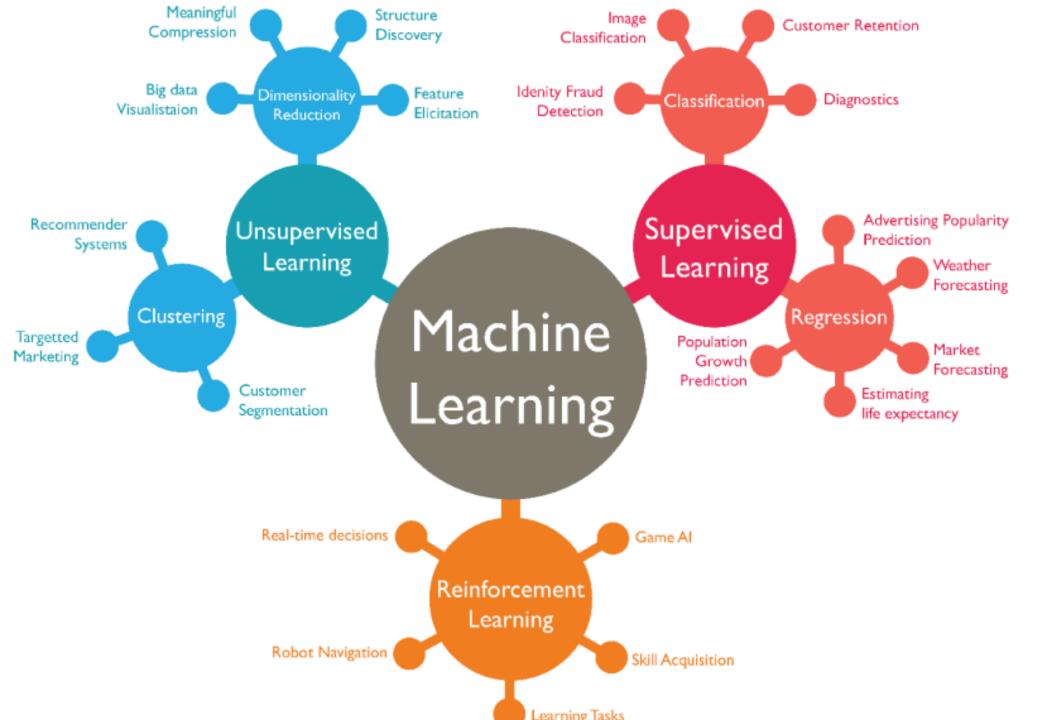
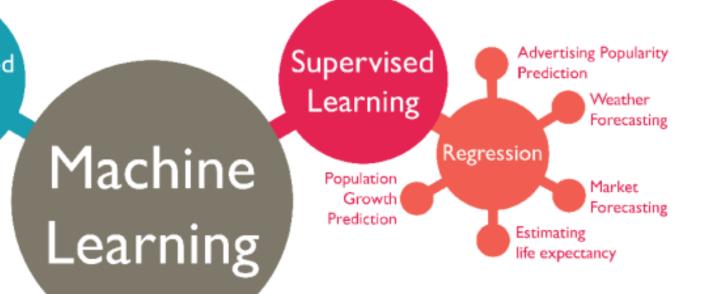
02 Machine Learning algorithm

머신 러닝의 종류 Hello Al





Structure Discovery Classification Customer Retention Hello Al Feature Elicitation Detection Customer Retention Customer Retention Diagnostics Diagnostics



Game Al

Skill Acquisition

ons

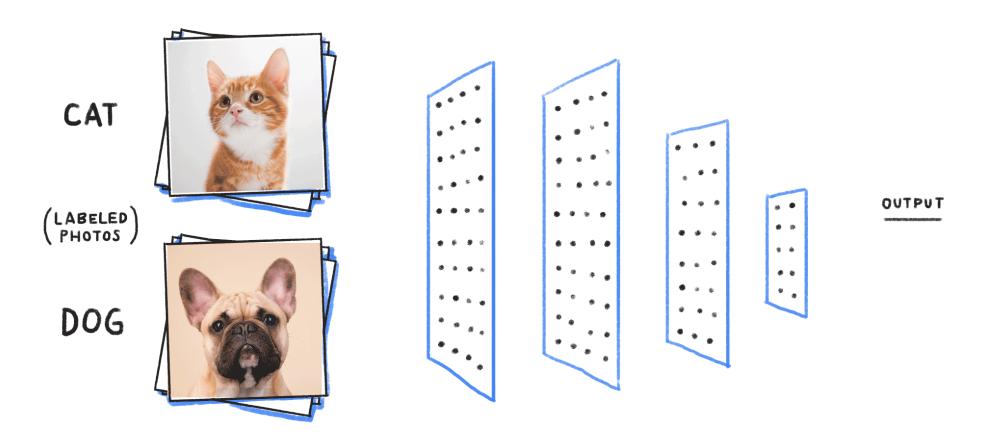
tion

Reinforcement

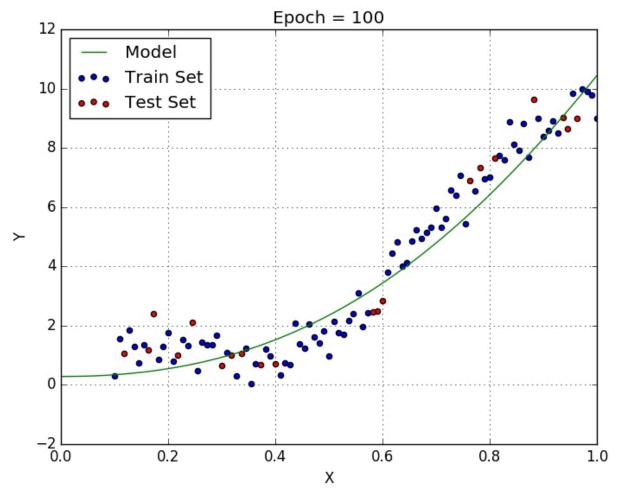
Learning

- □ Supervised Learning (지도학습, 감독학습)
- 문제와 정답 제공 : Feature & Label
- 예측, 추정, 분류
 - · Regression
 - · Forecast
 - · Classification

ClassificationHello AI

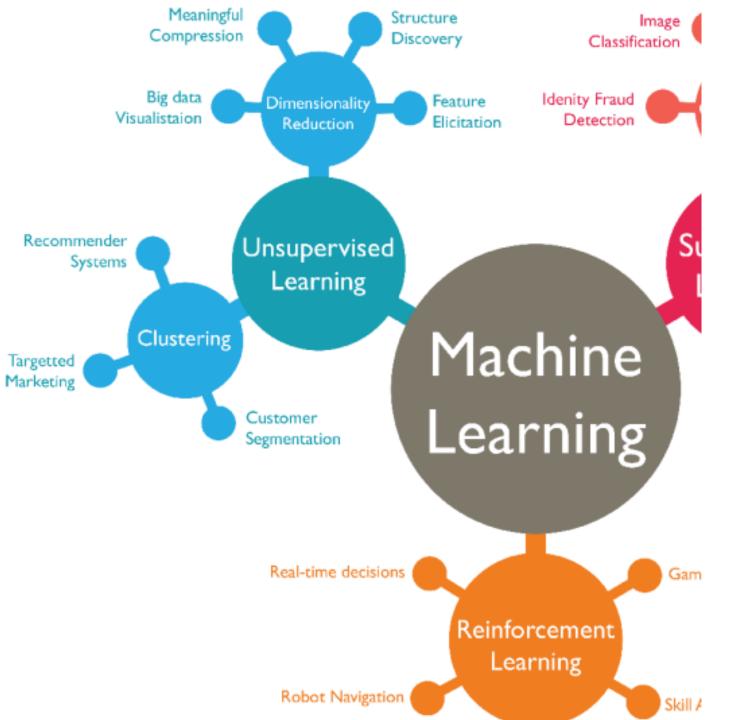


Regression Hello Al



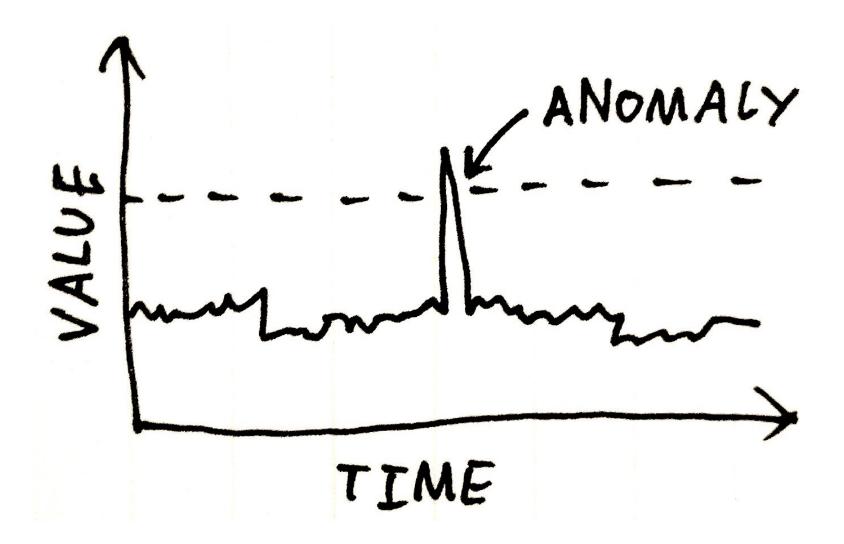
키에 따른 신발 사이즈 시간에 따른 커피 소비량 햇빛 노출 시간과 주근깨 개수 달 위상에 따른 주요 도시의 범죄 소 기온과 인터넷 쇼핑 장바구니 물품 수

6

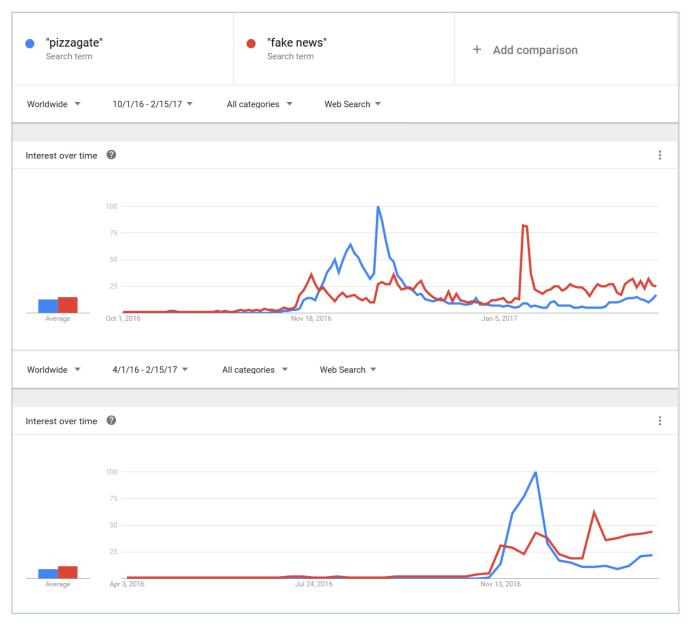


Hello Al

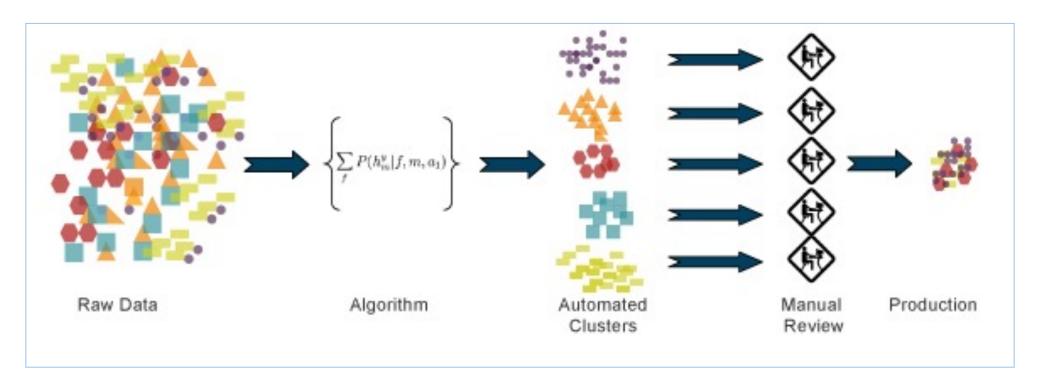
- □ Unsupervised Learning (비지도학습)
- 문제만 제공
 - : Feature
- 패턴/구조 발견 그룹화
 - · Anomaly
 - · Clustering



Anomaly Hello Al



Clustering Hello Al



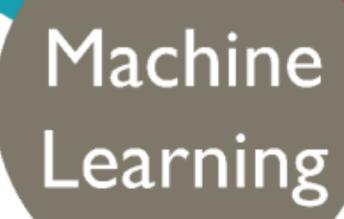
Hello Al

Populatio □ Reinforce
Growtl (강화호
Prediction

Learni

Reinforcement Learning(강화학습)

- 보상(Reward) 제공 인과관계가 중요 게임(알파고), 로봇



Learning

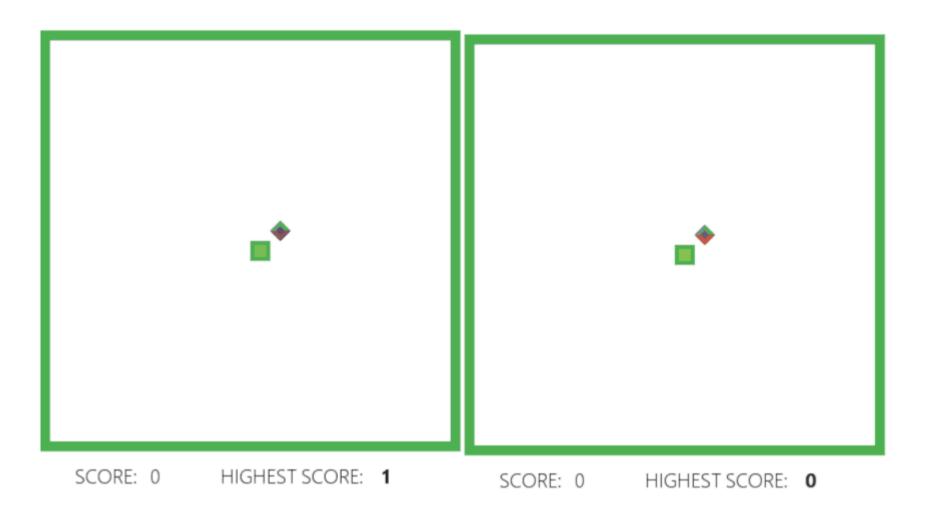
ustomer

egmentation

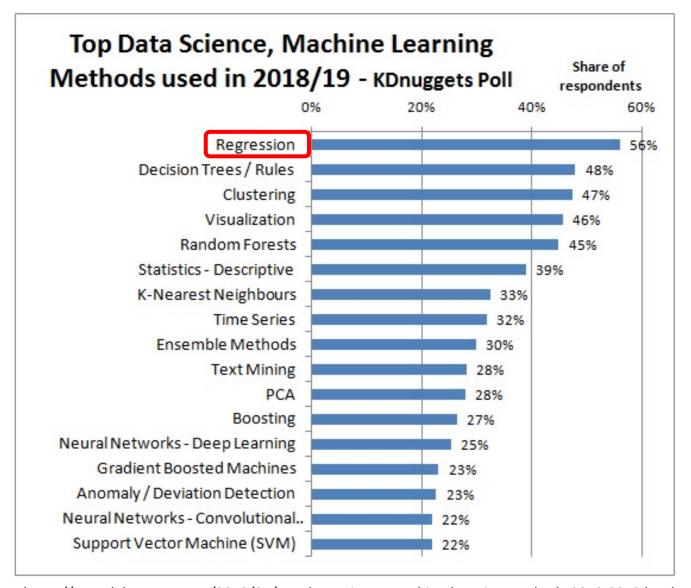
Real-time decisions

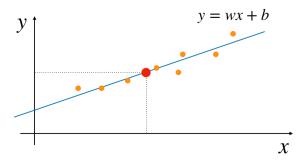
Reinforcement
Learning
Skill Acquisition
Learning Tasks





출처: https://towardsdatascience.com/how-to-teach-an-ai-to-play-games-deep-reinforcement-learning-28f9b920440a





Summary

What is the Machine Learning

- 1 Machine Learning 은 AI, Machine Learning 그리고 Deep Learning으로 발전됨
- Machine Learning은 지도학습, 비지도학습 그리고 강화학습 등으로 나누어 짐

3 알고리즘의 종류 : Regression, Classification, Anomaly, Clustering 등

감사합니다.