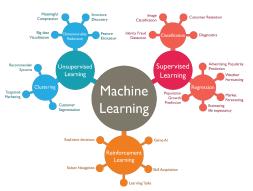
Introduction To Machine Learning Part 2

Deborah Dormah Kanubala

December 22, 2019

Types of Machine Learning

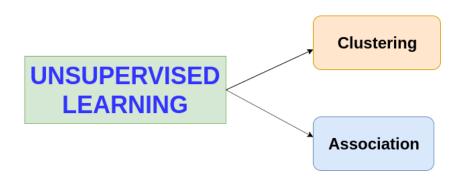


Source: https://www.linkedin.com/pulse/business-intelligence-its-relationship-big-data-geekstyle

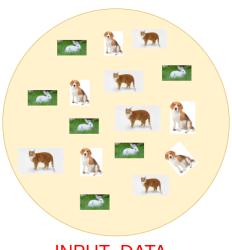
Predicting price of houses

Price of a house in Ghana			
Number of bedrooms	location	garage	price of house
4	Madina	yes	3000
2	Teshie	no	2500
6	East Legon	no	6000
4	Madina	yes	3000
1	Tema	no	1500
3	Dzorwulu	yes	3200
5	Santoe	yes	4500
2	Teshie	no	1700
7	East Legon	no	8300

Grouping Unsupervised Learning

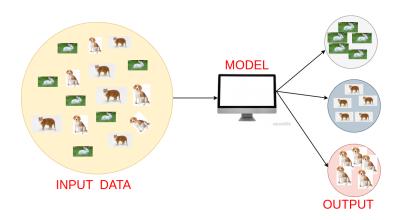


Unsupervised Learning Data





Unsupervised Learning Con



Association



Unsupervised Learning Algorithms

CLUSTERING

- 1. Kmeans
- 2. Principal component analysis
- 3. t-SNE
- 4. Hierarchical

UNSUPERVISED LEARNING

ASSOCIATION

- 1. Apriori algorithm
- 2. Eclat algorithm
- 3. FP -Growth algorithm