

Implementing Machine Learning to Social Tool

Machine Learning

(def | summary)

“[A]n application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.”

“What Is Machine Learning? A Definition.” *Expert System*, 5 Oct. 2017, www.expertsystem.com/machine-learning-definition/.

Types of Algorithms:

- Supervised
- Semi Supervised
- Unsupervised
- Reinforcement

Understanding Unsupervised Algorithms

- Creates patterns from unknown data
- Unknown output
- Mainly for uncovering the structure of datasets
- Techniques:
 - Clustering
 - Anomaly detection
 - Association mining identifies
 - Latent variable models