

COMP 333 — Week 10 ML Introduction

Machine Learning Introduction

The article

Machine Learning: An Introduction by Gavin Edwards, 2018

<https://towardsdatascience.com/machine-learning-an-introduction-23b84d51e6d0>

is a gentle introduction into Machine Learning.

It complements the two Examples to provide you with a solid grounding in what ML is about.

This Article You should take away from the article

the goal of machine learning,

the differences between supervised and unsupervised learning,

the difference between classification and regression, and

the role in ML played by:

- features

- clustering

- dimension reduction

This Week From Week 10 lectures, you should take away

the basic terminology of ML

the basic steps of the ML process

the names of common ML algorithms

examples of scikit-learn in action, and

where ML fits in EDA.

Not in This Course You do **not** need to know

semi-supervised learning

reinforcement learning

deep learning