

Unsupervised Algorithms

Examples of unsupervised learning include

- Clustering
- Principal component analysis

In the later chapters, we will survey the preceding unsupervised learning algorithms for learning from non-labeled datasets. Clustering is an algorithm for grouping homogeneous samples into partitions called clusters. Principal component analysis is a method for finding low-dimensional feature sub-spaces that capture as much information as possible from the original higher-dimensional features of the dataset.

This chapter provides an overview of the machine learning algorithms that we'll discuss together with code examples in Part 4 of this book.

PART IV

Machine Learning in Practice