



800 XP ▶

Train and evaluate clustering models

33 min remaining • Module • 1 of 7 units completed

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Intermediate Data Scientist Visual Studio Code

Clustering is a kind of machine learning that is used to group similar items into clusters.

Learning objectives

In this module, you'll learn:

- When to use clustering
- How to train and evaluate a clustering model using the scikit-learn framework

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Prerequisites

- Basic mathematical concepts
- Programming with Python

This module is part of these learning paths

[Create machine learning models](#)[Foundations of data science for machine learning](#)

Introduction

2 min

What is clustering?

5 min

Exercise - Train and evaluate a clustering model

10 min

Evaluate different types of clustering

5 min



Exercise - Train and evaluate advanced clustering models

12 min

Knowledge check

3 min

Summary

1 min