

Dimensionality Reduction (PCA)

Month 2: Classical Machine Learning | Week 8: Unsupervised Learning | Day 2

Theory & Concepts

Watch: StatQuest's PCA Main Ideas (5 min). Concept: Projecting data onto axes of max variance.

Practice Exercises

Python: Apply PCA to MNIST (784 dimensions -> 2 dimensions). Scatterplot the result colored by digit label.

Estimated Time: 2h

Completed: []

Notes:
