

Convolutions & Pooling

Month 5: Computer Vision | Week 17: CNN Fundamentals | Day 1

Theory & Concepts

Watch: StatQuest's Convolutional Neural Networks (15 min). Concept: Filters detecting edges, pooling reducing size.

Practice Exercises

Python: Apply a vertical edge detection filter ``[[1,0,-1], [1,0,-1], [1,0,-1]]`` to a grayscale image manually (using `scipy/numpy`).

Estimated Time: 2h

Completed: []

Notes:
