Course Scope and Structure

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What will you learn

Overview & Setup

- Get Material
- System Setup
- Conda Environment

PyTorch Intro

- Tensors
- Modeling from scratch
- Datasets / Dataloaders
- Hyperparam Tuning

Convolutional Neural Networks

- CNN Intro
- CNN Interactive
- Image Preprocessing

Semantic Segmentation

- Architecture
- Upsampling, Loss Function, Evaluation Metrics
- Coding: Data Prep, Training, Validation

Course Scope and Structure

Structure of the Course

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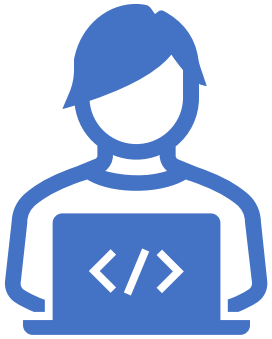

Coding

Exercise

Solution