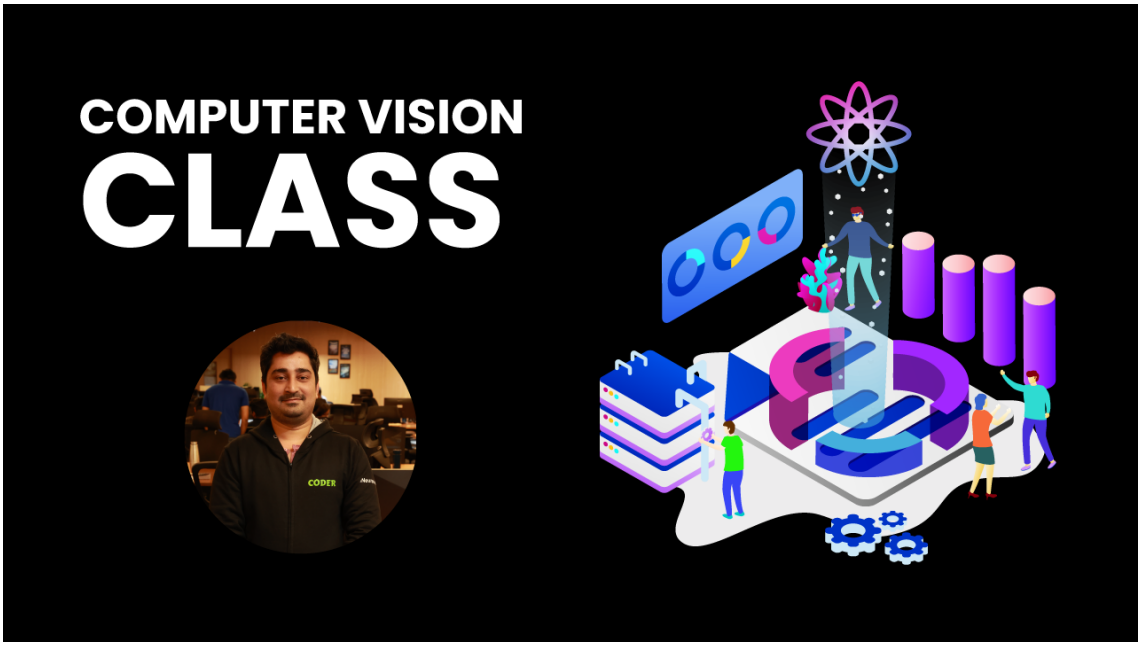
Welcome to ineuron.ai



Computer Vision Crash Course

Description:

This specialisation is the first to cover the fundamentals of computer vision in depth. It is aimed at learners, practitioners, and researchers who have little or no experience with computer vision and focuses on the mathematical and physical foundations of vision. Any learner who completes this specialisation has the potential to succeed in the field of computer vision, which is a booming field that is predicted to grow in importance in the next decades.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Challenges

Quizzes

Assignments

Downloadable resources

Completion certificate

What we learn:

Fundamentals of Computer Vision

CNN architectures, Classification

Various architecture usages with Computer Vision for advanced level works

Requirements:

Basic knowledge of Python programming

A system with stable internet connection

Your dedication

Instructor:

Name:

Sudhanshu Kumar

Description:

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

>CNN overview:

>>Intro to CNN and Padding

>>Batch Normalization & Implementation

>Advanced Computer Vision

Part 1:

>>Intro to Transfer learning - and its architectures - Lenet, Alexnet, vgg16/19 architectur

>>Implementation of VGG16 on dogs and cats images in Tensforflow 2.x

>>RCNN and Fast RCNN and Object detection basic introduction

>>Faster RCNN architecture

>>Yolo architecture

>>SSD

>Advanced Computer Vision

Part 2:

>>Mask RCNN and Tracking theory

>>GAN Part 1

>>GAN Part 2