
At EDUCBA, it is a matter of pride to us to make job oriented hands on courses available to anyone, any time and anywhere.

Learn at a time and place, and pace that is of your choice.

Plan your study to suit your convenience and schedule.

OpenCV Course

Email Contact: info@educba.com



EDUCBA



www.educba.com

Course Overview

In this Course you get to learn:

- To create visualizations with OpenCV Course
- Creating simple graphs, using PyPlot to legends and layout. The advanced tutorials will focus on transformation tool, colormaps, annotations, rendering, and toolkits.
- About OpenCV Course and its implementation using python programming.

OpenCV Course Skills

We learn the following skills:

- The skills related to computer vision and machine learning.
- The software related skills which will be learned from this course would include those working on different operating systems such as Linux, Windows, macOS, FreeBSD, OpenBSD, NetBSD, etc.

Course Features



Course Duration-
15+ Hours



Number of Courses



Verifiable
Certificates



Lifetime Access



Technical
Excellence

OpenCV

- OpenCV is a cross-platform based library which can be used to develop real-time computer-based applications.
- This mainly focuses on image processing, analysis and video capturing which also includes features such as face detection, object recognition, etc.
- OpenCV is a computer system based library of programming methods and functions which is mainly aimed to provide a real-time computer vision.

OpenCV Course

This is a Bundle Course that includes complete in-depth OpenCV Course combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as OpenCV Course professional.

1

OpenCV for Beginners

Section 1. Introduction

- Introduction to OpenCv

Section 2. Getting Started

- About OpenCV Installation
- First Example of OpenCv
- Reading and Saving Image
- Image Color Transition
- Image Translation
- Image Rotation
- Image Scaling
- Various Transformations

Section 3. Image Wrapping and Face Datasets

- Image Wrapping
- Image Wrapping Continue
- Accessing Web Cam
- Keyboard Inputs
- Cartoonizing Using Webcam
- Face Datasets
- Face Recognition and Output

2

Video Analytics Using Opencv and Python Shells

Section 1. Introduction

- Introduction to Video Analytics

Section 2. Color Models

- Purpose of BGR Model
- Importance of HSL Model
- Learning about HSV Color Model

Section 3. Image Loading


- Process on Image Loading
- Program for Image Loading

Section 4. Image Thresholding

- Concept of Image Thresholding
- Modules for Image Thresholding
- Program For Adapter Thresholding

Section 4. Open CV and Object Detection

- Understanding OpenCV Library
- Object Detection and Tracking
- Tracking Approach using Object Detection
- Learning Capturing Video from Camera
- Capturing Video from File
- Learning to Save Video
- Example Code for Saving Video
- Knowing Blob Detection
- Simple Blob Detector and others



Frequently Asked Questions

I belong from a non-computer background.

I have a basic understanding of Java programming knowledge as studied in high school. I am interested to learn about visual graphics and biometrics. Should I join this course?

We at EDUCBA craft our course in such a way that the person who is very new to this domain and the field should not face any issue in working their way ahead with the course. You have an interest and a zeal to learn this course. Moreover, you have an understanding of the Java programming language too. You form the part of our ideal target audience.

You can definitely join the course.

Would this OpenCV Training Certification need regular practice or would it be a one-time thing?

In OpenCV course, the theories and fundamental concepts can be just understood once and that should be sufficient as it explains by various means how exactly computer vision technology works and other fascinating concepts related to that and biometrics and some machine learning and data science concepts and techniques. This course also aims to teach you a programming language, Python which is a mandatory language to learn if you are looking ahead to work in the machine learning ecosystem.



Customer Reviews

“

I really enjoyed this course and found the examples very useful – especially the video analysis sections. The course pacing was easy to understand, and the topics covered in a comprehensive but not over-explained way. Thanks for giving such an interesting and useful course!

Greg Rolley

”

I got to know about the course while searching over the internet, If you want to learn basic openCV, then this OpenCV Training Certification is perfect. It helped me a lot to understand the basic things in Machine Learning. Very detailed explanation with examples helped me to get through each section. Looking forward to more such training.

David Matthey

“

I really enjoyed all the videos in this training, the level its high and complex, I had to stop and replay many videos to clearly get all the information provided, and it took me over a 2 weeks to truly go over all the videos. A lot of the information I knew due to my technical background but there was so much material that the amount of new information it's a bit overwhelming. Great job for the team that put this together.

Mathew Shahal



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For Queries please contact:

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