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Project ideas and datasets for computer vision beginners:

Swipe to learn! →



Machine Learning India
Instagram: @ml.india



Projects and datasets:

1

Colour Detection

Dataset: Google-512 Dataset

2

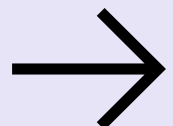
Edge Detection

Dataset: USC-SIPI Image Database

3

Face Detection

Dataset: IMDB Wiki Dataset



4

People Counting

Dataset: People Counting Dataset

5

Image Classification

Dataset: The CIFAR-10 Dataset

6

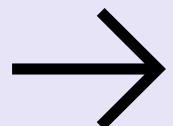
Image Colorization

Dataset: Image Colorizing (TIC)

7

Hand Gesture Recognition

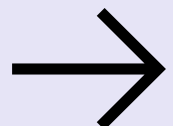
Dataset: Microsoft Kinect and
Leap Motion Dataset



8 **Object Tracking**
Dataset: TLP Dataset

9 **Vehicle Counting**
Dataset: Vehicle Image Dataset

10 **Image Segmentation**
Dataset: Berkeley Segmentation
Dataset and Benchmark



Projects that we will be covering in our upcoming **CV** workshop starting **27th of November:**

- Hand Detection using Transfer Learning.
- Facial Landmark Detection.
- Brain Tumour Detection.
- Covid-19 Infected Lungs Segmentation.

Workshop fee:

- ₹2499/-

Note:

- Participation will be **limited**.
- **Certificates** and **session recordings** will be provided to all participants.
- **Joining links** and other details will be conveyed via **email**.

Instructor profile:

Rishav Das, Lead (Data Science and Artificial Intelligence) Automation at Wipro. He has worked on **60+ research use-cases**, and published **46+ patents** (received 23 grants) across various countries. **LinkedIn profile:** [linkedin.com/in/rishavstats/](https://www.linkedin.com/in/rishavstats/).

The prerequisites:

Python programming, basics of **image processing**, ML and Neural Networks.

Ideal for:

Engineering (all streams) as well as **science students**, who have a very basic overview of machine learning; **CV beginners**.

To know more about the workshop, head over to: bit.ly/mlcv2021

Link has also been mentioned in our bio! **Hurry!**



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