

# Image Classification using deep learning (keras/Tensorflow) - Kashyap Raval

## About the speaker

Engineering student and passionate about technology, specifically web development, software development and machine learning. .Working on ML/DL/NLP/WEB.

Internship: LetsNurture(letsnurture.com), Python/ML developer .

Speaker:

Google Developer Group Ahmedabad(Introduction to chatbot)

AIT(Introduction to python)

Pydata(neural networks)

Pythonexpress.in(Introduction to machine Learning).

Google Developer Group Gandhinagar(Introduction to deep learning)

Volunteer :

Global Shapers community

MakerFest

Echai

Google Developer Group

Links about me:

\* Medium:- <https://medium.com/@kashyapraval/>

\* Speaker Deck : - <https://speakerdeck.com/kashyap32>

\* Linkedin :- <https://www.linkedin.com/in/kashyap-raval-67057282/>

\* Twitter :- <https://twitter.com/kashyapraval32>

\* Github : - <https://github.com/kashyap32>

\* Portfolio - <https://kashyap32.github.io>

\* Quora - <https://www.quora.com/profile/Kashyap-Raval-7>

## Abstract

Convolutional Neural Networks (ConvNets or CNNs) are a category of Neural Networks that have proven very effective in areas such as image recognition and classification. ConvNets have been successful in identifying faces, objects, and traffic signs apart from powering vision in robots and self-driving cars. In this workshop, we will see fruits classification using deep learning(CNN).

Deep Learning is a new area of Machine Learning research, which has been introduced with the objective of moving Machine Learning closer to one of its original goals: Artificial Intelligence.

In this workshop, we will see

Image classification using deep learning(CNN).

Introduction Of neural networks(basics).

An introduction of keras using tensorflow backend.

CNN in keras.

Imageclassifier.

## Prerequisites:

The participants should have interest in ML/DL.

Basics of Linear Algebra

Python

Vectors

Content URLs:

Keras - <https://keras.io/>

My blog about RNN/DL - <https://medium.com/@kashyapraval/qna-system-deep-learning-1-2-4aa20c017042>

CNN :- <https://medium.com/@kashyapraval/image-classification-api-deep-learning-d0b0f67d0ce>