Computer Vision - Week 1

Learning Objectives of the session:

- Gauging learner's understanding on the topic of the week.
- Understanding the concepts clarity of the learners on:
    - Working with images & CNN Building Blocks

  Case Studies (Hands on) on the topics mentioned.
- Doubts solving, industry perspective and practices.
- Summary of the session's learning.

Structure of the Session

Time Distribution of 2 hours	Topic	Detail
10 min	• **Gauge learner's understanding** Computer Vision	• Go through all the learners in the group and try to understand the reach of the week's learning within the group on the week's topics. • Highlight the important concepts majority of the group is facing doubts on.
20 min	• Concepts clarity of the covered topics.	• Clarify the concepts on the doubts identified.
60 min	• Case study on Flowers Classifier	• Use the case study provided to have a hands on exercise. Explain the problem statement, features and data preprocessing and use various techniques to come to a result through the model. • Date: Copy of flowers.zip
25 min	• Doubts clearance • Industry perspective on the mentioned topics • Buffer	• Use this time to clarify additional doubts. • Also, explain the industry practices on the techniques as per your experience.
5 min	• Summarize the session	• Provide a summary of the session.