Computer Vision - Week 2

Learning Objectives of the session:

- Gauging learner's understanding on the topic of the week.
- Understanding the concepts clarity of the learners on:
  - CNN Architectures and Transfer Learning

  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 - Week 2	● 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: Train Data.zip, Test.zip, Labels.csv, Sample Submission.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.