

Topic: Machine Learning Basics (2 Hours 30 Mins)

Session Agenda:

1. **What is Machine Learning?**
 - a) ML Fundamentals
 - b) Features and Weights

2. **Categories of Machine Learning**
 - a) Supervised
 - b) Unsupervised
 - c) Reinforcement

3. **What is deep learning?**
 - a) How deep learning compares to ML and AI?
 - b) How does DL learn?
 - c) Impact of deep learning

4. **The Machine Learning Pipeline a. ML Pipeline introduction**
 - a) How deep learning compares to ML and AI
 - b) How does DL learn?
 - c) Impact of deep learning