**SOC Image Segmentation For Self-Driving Cars**

**Week 02 & 03**

During these two weeks, you will focus on gaining a comprehensive understanding and practical experience in Machine Learning (ML), Deep Learning (DL), and Convolutional Neural Networks (CNNs). These skills are crucial for effective image segmentation in self-driving car systems. Please complete the following modules:

1. **Complete Supervised Learning:** <https://youtube.com/playlist?list=PLkDaE6sCZn6FNC6YRfRQc_FbeQrF8BwGI&feature=shared>
2. **Deep Learning and Neural Networks:** <https://youtube.com/playlist?list=PLkDaE6sCZn6Ec-XTbcX1uRg2_u4xOEky0&feature=shared>
3. **Convolutional Neural Networks:** <https://youtube.com/playlist?list=PLkDaE6sCZn6Gl29AoE31iwdVwSG-KnDzF&feature=shared>
4. **Intro to ML Kaggle Tutorial:** <https://www.kaggle.com/learn/intro-to-machine-learning>
5. **Intermediate ML Kaggle Tutorial:** <https://www.kaggle.com/learn/intermediate-machine-learning>
6. **Intro to DL Kaggle Tutorial:** [https://www.kaggle.com/learn/intro-to-deep-learnin](https://www.kaggle.com/learn/intro-to-deep-learning)
7. **Computer Vision Kaggle Tutorial:** <https://www.kaggle.com/learn/computer-vision>