

UNIT 9. Week 9 - Convolutional Neural Networks (CNN)

Last week, the focus was on diving into Convolutional Neural Networks (CNN) and understanding the algorithm's intricacies. I explored CNN-specific Python libraries and real-life applications in computer vision.

My exploration of CNN began with a Lecturecast titled "Convolutional Neural Networks (CNN)." This session not only provided a detailed understanding of the CNN algorithm but also emphasised the significance of computer vision in various applications. I gained the ability to undertake basic computer vision tasks, taking my understanding to new heights.

Continuing, I actively participated in Collaborative Discussion 2. I dedicated time to writing peer reviews for other participants' initial posts, fostering a collaborative and constructive learning environment.

Additionally, I prepared an e-Portfolio Activity - CNN Model Activity. Here, I ran the Convolutional Neural Networks (CNN) - Object Recognition.ipynb Jupyter Notebook file, thoroughly reviewing different sections of the algorithm to comprehend its predictive capabilities.

Moreover, the week included a Team 5 meeting where we discussed Assignment 2, focusing on research related to ANN topics and the CIFAR-10 dataset.