

Report about the Workshop

Mr. Govind discussed about the Mathematical Foundations of Deep Learning. The next day Basic Hands on Session on application of Machine Learning Algorithms for understanding errors and making improvements, verification of improvement of Deep Learning over Machine Learning algorithms and understanding the working of Deep Learning algorithms were conducted.

Advanced Use cases like Natural Language Processing and Computer Vision were discussed. Students were encouraged to pick their first AI project using Python and related libraries. Training and testing datasets were fetched from various sources. It was deployed using Kubernetes, Containerization and Docker, based on the student's choice.

The final day was devoted for a hackathon with participants expected to create their own AI solution within the 5-hour timeline, in groups of 4. The facilitator worked actively with all teams in the following ways. - Give top-level topic suggestions - Work individually with each group to refine use case - Discuss solutions and helps teams that are stuck - Discuss topics/intricacies that comes up during the hackathon to the larger audience.

Prizes were distributed to the winners of the hackathon.

