Summer Workshop on Data Science & Machine Learning

27th - 31st May, 2019

organized by
ACM Student Chapter
Technical Society of Department of Information Technology

REPORT

ACM Student Chapter @ IGDTUW, the technical society at Department of Information Technology successfully conducted a week long summer workshop during 27th - 31st May, 2019 on the theme of 'Data Science and Machine Learning'.

Topics included were python programming, writing programs to perform data collection from online social media, visually analyze data collected through graphs/plots. This was followed by introducing supervised and unsupervised machine learning concepts with practical exercises on python on real datasets. Lastly, participants were taught about knowledge representation techniques by learning embeddings and introduction to deep learning.

For resource persons, all faculty members were invited to participate as technical speakers. Most of the topics were undertaken by Faculty Advisor along with MTech students (Pooja Bharadwaj, Renu Bansal and Swati Sinha) working with him. MTech students attended all sessions, worked as mentors, presented one theory session each and helped participants in practical sessions. Guest lectures from Dr. Seeja, Assoc. Prof. CSE Dept and Dr. Chandra Prakash, Asst. Prof. IT Dept were undertaken on topics of Association Rule Mining and K-means Clustering, respectively.

Around 30 students from different disciplines of IT, CSE & ECE across different years (first years, second years, third years) from IGDTUW participated and was well appreciated by students.

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