INDUSTRY EXPERT TALK SERIES ON "TEXT AND VISUAL ANALYTICS"

Event No	AM001
Organizing Department	Artificial Intelligenceand Machine Learning
Associate Dept. | NSC	Artificial Intelligenceand Machine Learning
Date	15/03/2024 to 30/04/2024 (47 Days)
Time	07:00 PM to 09:00 PM
Event Type	Expert Talk
Event Level	Dept. Level
Meeting Medium	
Meeting Link	https://zoom.us/j/95662161187?pwd=THRoUTJoNVQzdGdLdExLeitja05YUT09
Total Participants	31
Faculty - Internal	1
Students - Internal	30

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Mr S Shreyanth	Senior Technology Consultant (Data Engineering and Science)	Ernst & Young (EY) GDS LLP, Chennai	shreyanth0810@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Kothai G	Coordinator
2	Karthikeyan S	Convenor

Outcome

The students were able to understand the valuable insights into text and visual analytics. They acquired deeper understanding of the Natural Language Processing where they will apply the techniques and strategies in their project work. The students were able to enhance their skills in text and visual analytics tools and techniques. They covered advanced techniques such as deep learning models (e.g., recurrent neural networks, transformers) and state-of-the-art language models (e.g., BERT, GPT). Students gained insights into cutting-edge research and technologies shaping the future of text and visual analytics.

Event Summary

The expert talk series commenced with an overview of NLP fundamentals, covering topics such as tokenization, part-of-speech tagging, and sentiment analysis. The expert talk series on advanced text and visual analytics techniques which delved into deep learning models such as recurrent neural networks (RNNs) and transformers, showcasing their effectiveness in various NLP tasks. They also covered text mining techniques, data visualization methods, sentiment analysis, image recognition, and the integration of text and visual data for enhanced insights. The expert talk series on cutting-edge techniques and methodologies, highlighting innovative approaches to text and visual data analysis across various domains and applications. The session was highly informative, engaging, and inspiring, with valuable insights gained from both the presentations and interactions between industry expert and students. The Sessions on sentiment analysis, image recognition, and object detection provided insights into advanced techniques and methodologies, with real-world examples and case studies illustrating their applications. They also provided the insights in integrating text and visual data which was emphasized as a key approach to gaining deeper insights and understanding complex phenomena in various domains, including marketing, healthcare, finance, and social media.

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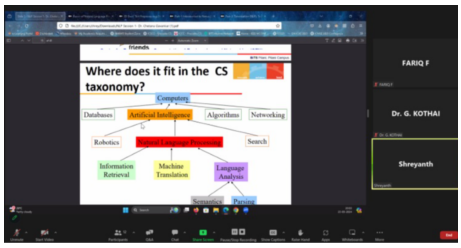

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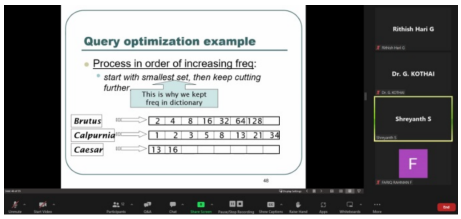

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