



AI & Data Science Executive Summit

Challenges, Opportunities, and the Future Ahead

Date	Time	Location
Friday, October 10, 2025	9:00am – 4:00pm	UNT Frisco, Room 130

About the Summit

The Anuradha & Vikas Sinha Department of Data Science at the University of North Texas invites industry leaders, faculty, and students to this executive summit on Artificial Intelligence and Data Science. The program provides a platform to explore emerging technologies, share challenges, and build partnerships that shape the future of AI and data science.

Program Highlights

9:00 – 9:30am	Registration & Networking Coffee Light breakfast and informal networking. Name badges provided.
9:30 – 9:40am	Welcome & Opening Remarks By Dr. Junhua Ding (Reinburg Endowed Professor and Chair) and Dr. Sharad Sharma (Associate Dean). Overview of summit goals.
9:40 – 11:15am	Lightning Talks – Frontiers of AI & Data Science Executives and faculty members, 10-12 minutes each. Topics include generative AI, data quality, cybersecurity, human-centered AI, and more.
11:15 – 11:30am	Break
11:30 – 12:30pm	Executive Panel – Opportunities & Challenges in Industry Executives from healthcare, finance, retail, manufacturing, and tech discuss emerging technologies, ethics, workforce readiness, and industry-academia partnerships.
12:30pm – 2:30pm	Networking Lunch & Student Showcase Mixed seating to encourage interaction among faculty, students, and industry leaders. Table topic cards provided.



College of Information
The Anuradha and Vikas Sinha
Department of Data Science

	Poster and demo session featuring UNT Data Science projects; opportunity for executives to engage directly with students.
1:30 – 2:30pm	Advisory Board Meeting For Advisory Board members, Chair, and faculty.
2:00 – 3:30pm	Lightning Talks – Frontiers of AI & Data Science Executives and faculty members, 10-12 minutes each. Topics include generative AI, data quality, cybersecurity, human-centered AI, and more.
3:30 – 4:00pm	Closing Discussion & Next Steps Takeaways and closing remarks emphasizing UNT’s role as an AI & Data Science innovation hub.

Contact

ds-chair@unt.edu

Register

<https://datascience.unt.edu/executive-summit>



Lighting Talks:

Moderator: Dr. Ali Sahara

Session 1: (9:40 – 11:15am)

- Lokesh Kumar, lokesh.srisri21@gmail.com, Toyota, **Small Vision Language Models for Agentic AI**
- Babar Bhatti, babar.bhatti@dallas-ai.org, IBM, **Real World AI Agents**
- Vimal Vasudevan, vimal.vasudevan@foreviz.com, ForeViZ, Topic: TBD
- Amanda Zhao, azhao@guildmortgage.net, Guild Mortgage, **Embedding Customized Agentic Intelligence in Salesforce: From Data to Action with MCP**
- Sahara Ali, Sahara.ali@unt.edu, UNT, **LLM-Enhanced Knowledge Discovery from Scientific Literature**
- Jeffery Liu, jkliu@amazon.com, Amazon, **Making GenAI Profitable: Cost-Effective Enterprise Implementation Strategies**
- Gnanasekaran.Shanmugam@nttdata.com, NTT Data, **Engineering the Next Frontier: Agentic AI in the Enterprise**

Session 2: (2:00 – 2:30pm)

- Ali Syed, ali.syed@alliant.com, Alliant Insurance, **From Pixels to Payouts: AI-Powered Damage Assessment in Real-Time**
- Yang Zhang, Yang.Zhang@unt.edu, UNT, **Advanced Recommender Systems and HCI**
- Pranathi Karedla, pranathikaredla@gmail.com, Simens, **AI Agents in Engineering**
- Saurabh Gupta, saurabhgupta@msn.com, NTT Data, **Engineering AI Solutions: Balancing Speed, Accuracy, and Scale**
- Michael Cupps, mcupps@timebandit.io, Rulesware
- Prashanth Bhushan, Prashanth.Bhushan@hal.hitachi.com, Hitachi, **Making analytics worthwhile when its “contextual”**
- Pretom Roy Ovi, pretomroy.ovi@unt.edu, UNT, **Forget to Survive: Machine Unlearning in Federated context**
- Sanjay Krishna Anbalagan, sanjay1909@gmail.com, AWS, **Reflections on the Evolution of Generative AI**
- Michael Steele, MichaelSteele@my.unt.edu, **Generative AI and reusability**



College of Information
The Anuradha and Vikas Sinha
Department of Data Science

Panel Discussion: Generative AI: Opportunities and Challenges

Moderator: Dr. Gahangir Hossain

Panelists:

- Phanii Pydimarri, phanii@pydimarri.com, Seanergy.ai
- Ali Syed, ali.syed@alliant.com, Alliant Insurance
- Prashanth Bhushan, Prashanth.Bhushan@hal.hitachi.com, Hitachi
- Babar Bhatti, babar.bhatti@dallas-ai.org, IBM
- Vimal Vasudevan, vimal.vasudevan@foreviz.com, ForeViZ
- Jeffery Liu, jliu@amazon.com, Amazon
- Sanjay Krishna Anbalagan, sanjay1909@gmail.com, AWS
- Michael Cupps, mcupps@timebandit.io, Rulesware

Student Showcase:

List of posters (12:30pm – 2:30pm)

1. Yuhan Zhou, A Novel Multi-Layer Task-centric and Data Quality Framework for Autonomous Driving
2. Yuhan Zhou, Quality-aware Multi-source Data Fusion and Enhancement for Medical Concept Normalization using Large Language Models
3. Xiaoying Song, Speaking at the Right Level: Literacy-Controlled Counter-speech Generation with RAG-RL
4. Lavinia Florentina Pieptea, Monte Carlo Augmentation for Non-Invasive Blood Pressure Prediction
5. Sina Montazeri, Human Activity Recognition Based on Electrocardiogram Data Only
6. Venkata Sai Rahul Unnam, Scientific Machine Learning to Analyze Air Quality of North Texas
7. Johannas Meela Katikala, Mobile App for Real-Time Multi-User Object, Pose, and Name Detection with Location-Based Data and Time Series Analysis
8. Ziruo Yi, A Multimodal Multi-Agent Framework for Radiology Report Generation
9. Komala Subramanyam Cherukuri, Evaluating Federated Object Detection for Connected Autonomous Vehicles
10. Laxmigayathri Challa, Synthetic Oncology Data Generation & Evaluation Using Large Language Models
11. Abhaya Ladalla, MindYoga: A Mobile Application for Mental Health Care Management Using Yoga-Based Interventions