2025 Student Analytics Competition Overview

Hosted by TripAI in collaboration with UTA

Overview

The 9th Annual Business Analytics Symposium at **The University of Texas at Arlington (UTA)** brought together industry leaders, academics, and aspiring data scientists to explore the transformative power of AI, data analytics, and business intelligence. As the exclusive sponsor of the Business Analytics Student Competition, **TripAI Technologies** supported students in developing AI-driven solutions for sustainability in aviation by providing real-world aviation data, technical guidance, and industry insights.

TripAI designed a real-world aviation challenge, requiring participants to leverage cloud technologies (AWS, GCP, Azure) to build AI-driven chatbots, analyze aviation trends, visualize fuel burn and emissions, develop predictive models, and create document-based AI assistants for complex queries. Students also proposed AI-powered fuel efficiency strategies, bridging academic learning with real-world sustainability challenges in aviation.

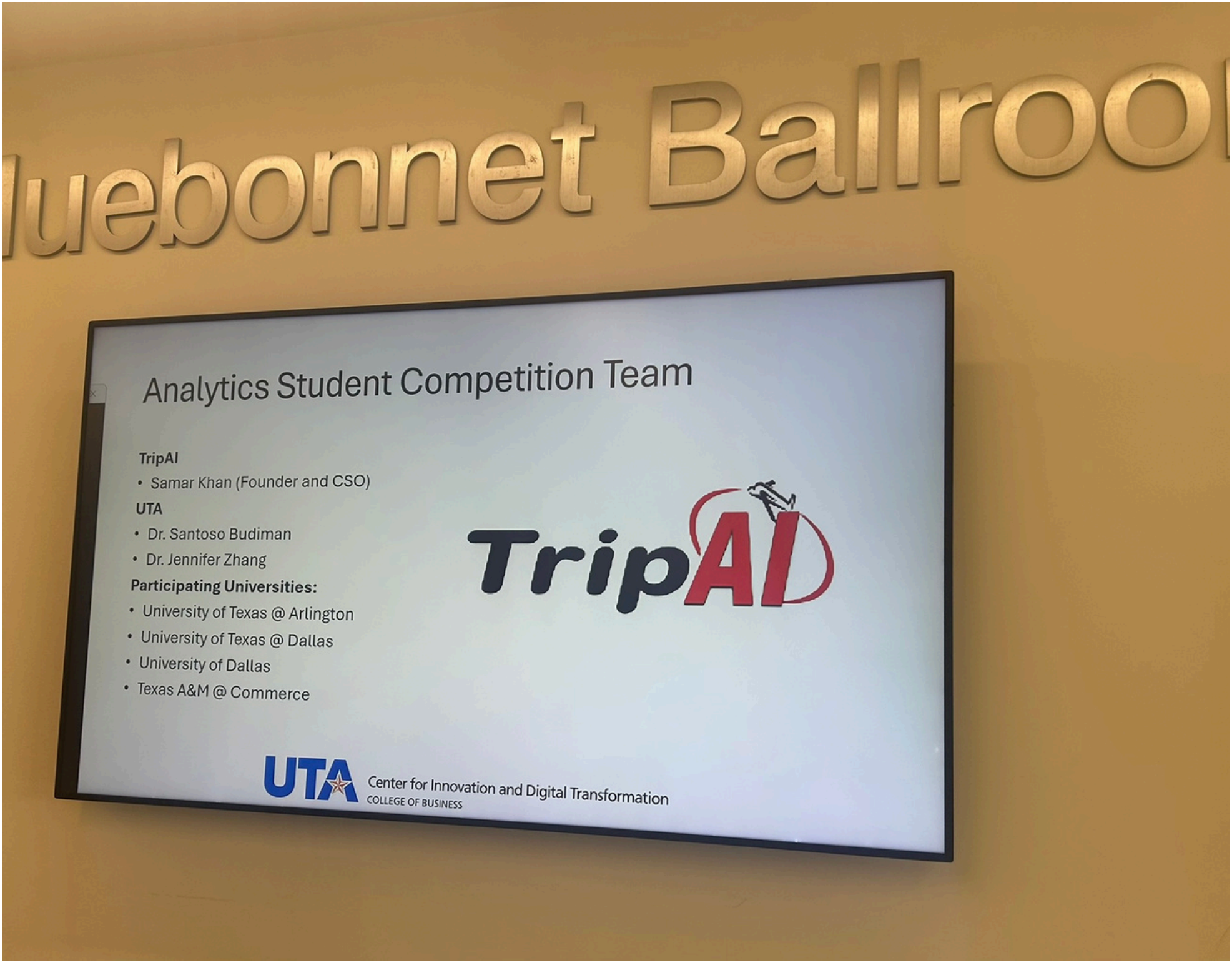
To support participants, **TripAI** provided structured guidance, real aviation data (carrier code XH), and flight-specific fuel burn and emissions metrics.

With forty teams from top universities competing, the event showcased exceptional talent and creativity, pushing the boundaries of AI applications in aviation fuel efficiency, emissions reduction, and predictive analytics. This collaboration between academia and industry highlighted the importance of bridging theoretical learning with real-world problem-solving, reinforcing the role of AI in shaping a more sustainable future.

From insightful keynotes and engaging panel discussions to hands-on student innovation, the symposium underscored TripAI's commitment to research, education, and AI-driven sustainability solutions. Looking ahead, we are excited to integrate some of the groundbreaking ideas presented and continue our partnerships with UTA and the broader academic community.

Event Highlights

9th Annual
Business Analytics
Symposium
Samar Khan
In Recognition of Your
Outstanding Contribution
We Appreciate Your Support
2025
UTA CENTER FOR INNOVATION AND
DIGITAL TRANSFORMATION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Analytics Student Competition Team
TripAI
• Samar Khan (Founder and CSO)
UTA
• Dr. Santoso Budiman
• Dr. Jennifer Zhang
Participating Universities:
• University of Texas @ Arlington
• University of Texas @ Dallas
• University of Dallas
• Texas A&M @ Commerce
TripAI
UTA
Center for Innovation and Digital Transformation
COLLEGE OF BUSINESS

TripAI
UNIVERSITY OF
TEXAS
ARLINGTON

CERTIFICATE OF AWARD
TripAI
UTA

UTA
CERTIFICATE OF AWARD

UTA
TripAI
Cat Kim

Team Cat-AI-Lyst
Overview
The Model
The Chatbot
Closing
Gavin Chen
Yash Thakkar
Cat Kim
Khanh Nguyen
Devarsh Pathak

AI Agent & Multi-Agent System – Tutorials
Building a Multiagent AI system
LangGraph Multi-Agent Workflows
Agents BUILDING AN Agent Company
Jobs Moura
AUTO BUILD MULTI-AGENTS
AutoGen
Building a Multi-agent Concierge System Using Llamaindex Workflows
AI AGENTS THE RIGHT WAY
AI AGENTS: WHAT'S NEXT

UTA
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The problem with ChatGPT
The problem with ChatGPT
UTA