جامعة الدوحة
للعلوم والتكنولوجيا
UNIVERSITY OF DOHA
FOR SCIENCE & TECHNOLOGY

Strategies to Enable Innovative AI Solutions

- a higher education perspective -

The Institution of Excellence in Technical and Vocational Education and Training

www.udst.edu.qa

University of Doha for Science and Technology
www.udst.edu.qa

- Vision
  - *UDST shall be a leading institution that promotes excellence in **applied** education and research contributing to **innovation** and **sustainable** development of the State of Qatar and the global community.*

- Mission
  - *UDST advances quality **applied science** and **technology** through agile applied higher education and research for the socio-economic development of the State of Qatar and the world.*

College of Computing and IT (CCIT)

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- CCIT is one of the 5 colleges along with the FP

- Vision
  - To be a key driver of **applied** computing and IT education, research, and service with a global reach.

- Mission
  - *At the College of Computing and IT, our mission is to advance information and communication technologies through high-quality **applied education and impactful research, development, and commercialization**, sustaining socio-economic growth in Qatar and globally. We focus on graduating competent, **innovative**, and responsible students who are ready to tackle emerging challenges, while maintaining strong community ties and upholding excellence in all we do.*

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Facts and Figures

1,807+
STUDENTS ENROLLED

1,458+
TOTAL GRADUATES

62
EXPERIENCED FACULTY

11
NUMBER OF PROGRAMS

Academic Programs

جامعة الدوحة للعلوم والتكنولوجيا
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- Diplomas in Information Systems (Dip. IS) and Information Technology (Dip. IT)
- Degree programs
  - **Bachelor of Science in Data Science and Artificial Intelligence (B.Sc. DSAI)**
  - Bachelor of Science in Data and Cyber Security (B.Sc. DCS)
  - Bachelor of Science in Information Technology (B.Sc. IT)
  - Bachelor of Science in Information Systems (B.Sc. IS)
  - Bachelor of Science in Software Engineering (B.Sc. SE)
  - Bachelor of Science in Digital Communication and Media Production (B.Sc. DCMP x2)
- Master programs
  - **Master of Science in Artificial Intelligence and Cognitive Cybersecurity (M.Sc. AICC)**
  - **Master of Science in Data Science and Artificial Intelligence (M.Sc. DSAI)**

State-of-the-art labs

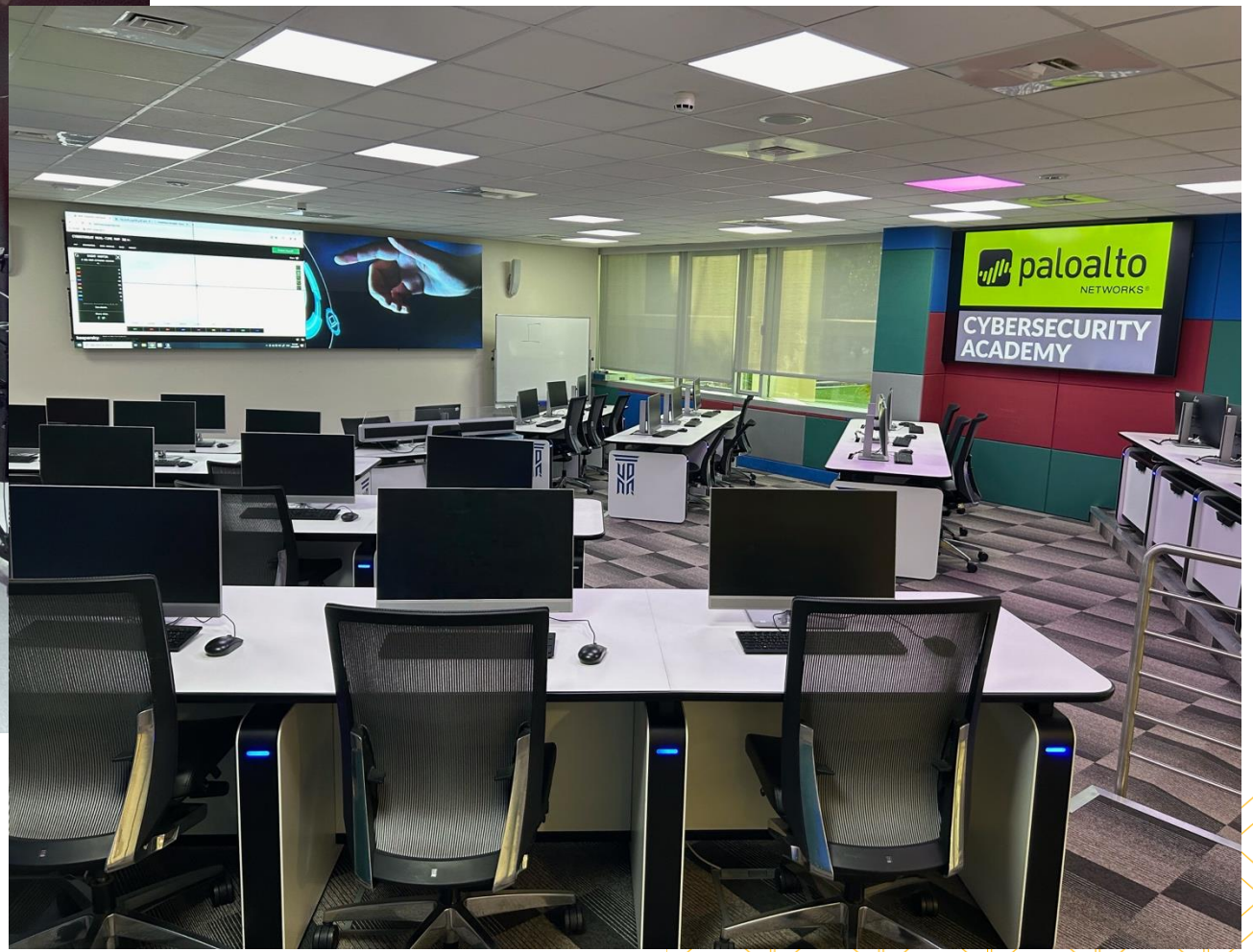
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State-of-the-art labs





Some industry partners
(program advisory committee/MoUs)

- CRA
- Palo Alto Networks
- EC-Council
- Huawei
- CISCO
- Al Jazeera Media Institute/Al Jazeera Media Network
- NCSA
- Ooredoo
- DHL
- …..

CCIT Scientific Breakfast Series – October 14, 2024
Digital Transformation in the AI Era

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Under the patronage of
Her Excellency Buthaina bint Ali Al Jabr Al Nuaimi
Minister of Education and Higher Education

2024 International Symposium on Artificial Intelligence

- Challenges and Opportunities -

Agenda

- Day 1
  - 1 presentation by UDST President
  - 3 presentations by keynote speakers
  - 1 panel
  - 1 debate

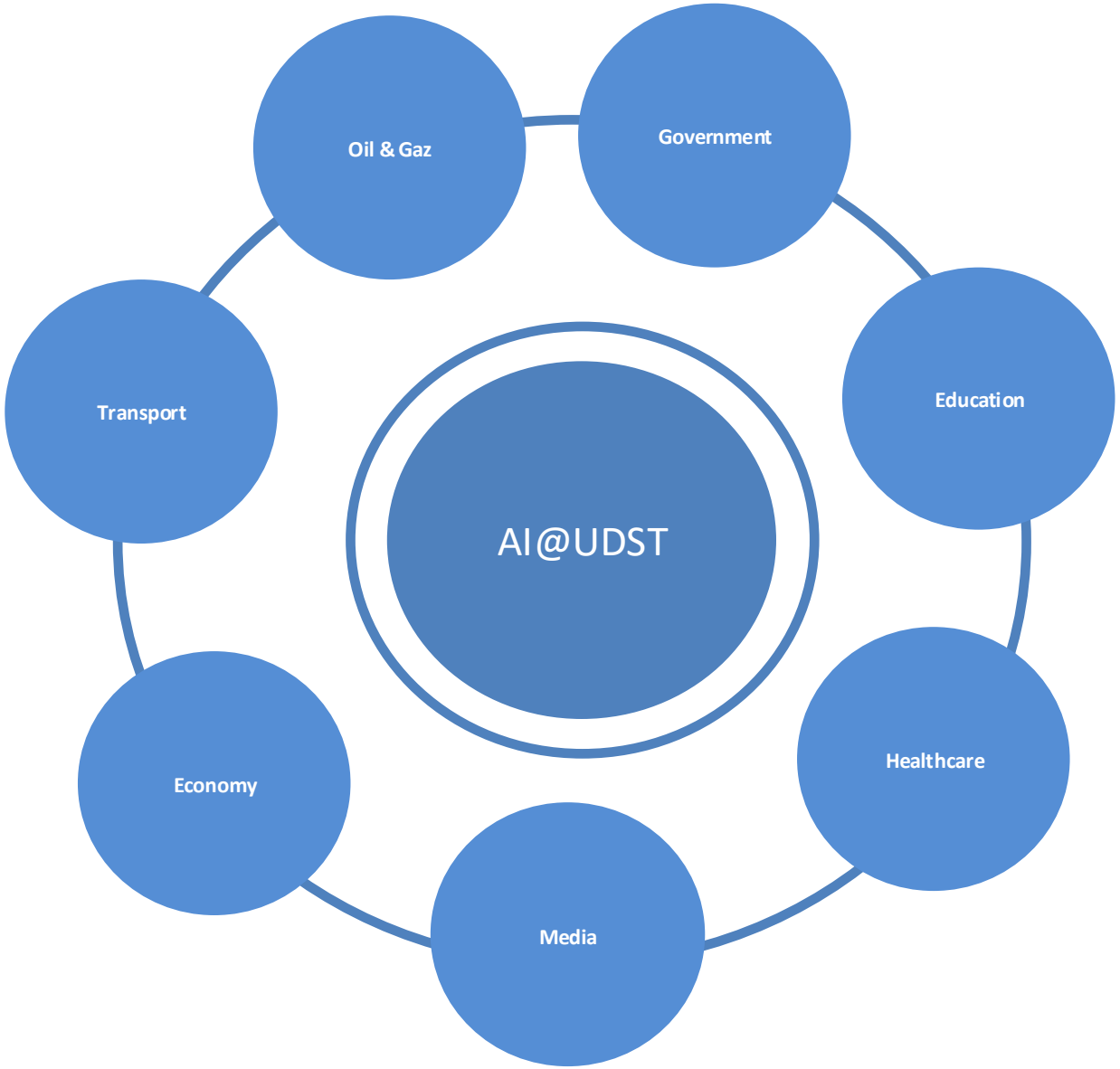
- Day 2
  - 2 presentations by keynote speakers
  - **3 concurrent workshops**
  - Closing ceremony

AI@UDST
Working closely with key stakeholders

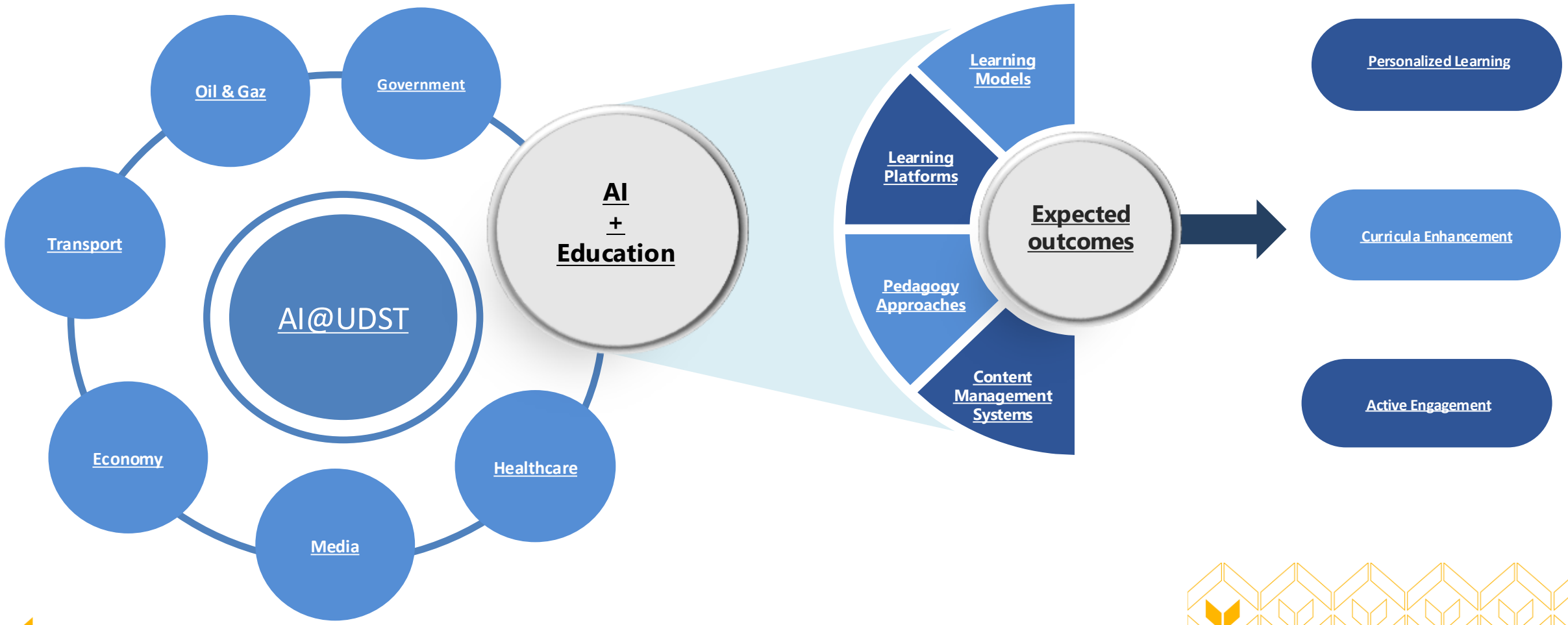
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- Pioneering AI-driven curricula
- Partnership with Qatar’s vital industries
- Real-world research opportunities
- Tailored AI solutions for local needs
- Global AI research collaboration

AI@UDST
Targeting key industries and services in Qatar



AI and Education



The road ahead
Blending Qatar’s legacy with the future of AI

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- Holistic AI approach: from education to real-world applications, UDST embraces AI's transformative potential.
- Cultural heritage: leveraging AI to uphold and celebrate Qatar's rich legacy.
- Global vision: aiming to be a beacon of AI-driven knowledge, with emphasis on 'AI for Good’.
- Strategic alliances: collaborative efforts with industries for groundbreaking research and hands-on student experience.

Thank you

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info@udst.edu.qa

Location

University of Doha for Science & Technology

24449 Arab League St, Doha

UDST AI Framework and Knowledge Management

AI Symposium, November 2023

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