

AI EMPOWER EGYPT



Dell Technologies collaborates with the Egyptian government; Ministry of Communication and Information Technology, Ministry of Higher Education, and five universities in Egypt to expand the capacity of AI talents in the local job market, provide hands on practical experience using real life use cases addressing societal challenges, and sharpen the AI knowledge for AI community.



**CAIRO
UNIVERSITY**



**ARAB ACADEMY FOR
SCIENCE, TECHNOLOGY &
MARITIME TRANSPORT**



**MEMBER
UNIVERSITIES**

 **The American
University in Cairo**

**AMERICAN UNIVERSITY
IN CAIRO**



**AIN SHAMS
UNIVERSITY**

OBJECTIVES

- Hands on practical experience using real life AI use cases: Smart Agriculture, Smart Traffic, Smart Government, Digital Healthcare & Smart Economy
- Opportunity to engage with experienced mentors from Dell Technologies
- Workshops and training sessions
- Opportunity to compete in AI Hackathon in the closing ceremony
- Exposure and networking with talents from other universities.
- Access to datasets and computing resources



DELIVERABLES

TOT Courses (40 Hrs Each)

- Data Science and Big Data Analytics
- Advanced Methods in Data Science and Big Data Analytics
- Data Engineering

5 Use Cases Including Sample Datasets

- Smart Agriculture
- Smart Traffic
- Smart Government
- Digital Healthcare
- Smart Economy

Technical Workshops
Delivery to University Professors & Students

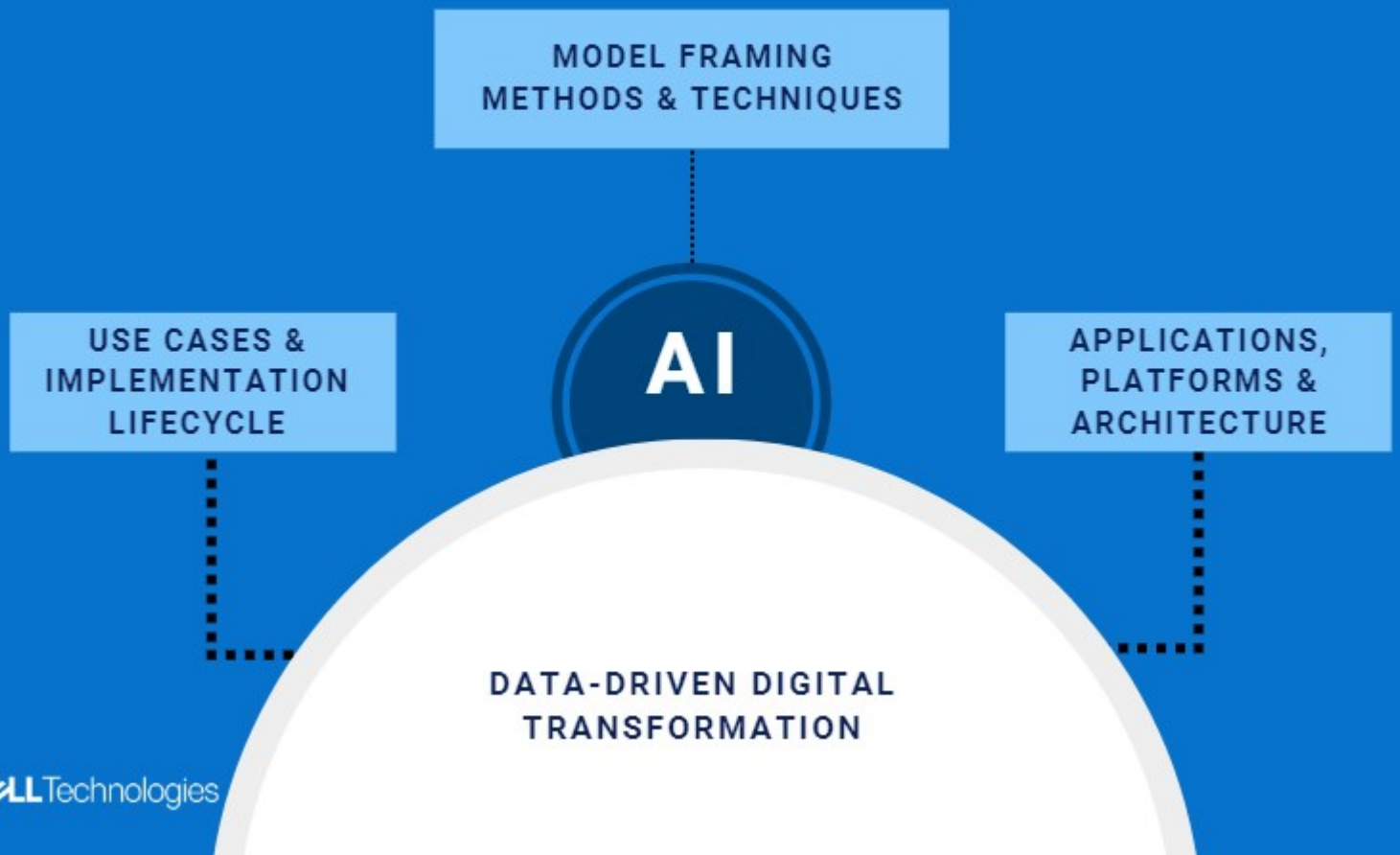
Mentorship Sessions to students

Organizing Hackathon Competition

SELECTED AI USE CASES FOR 2023/2024 ACADEMIC YEAR



KEY ELEMENTS OF A USE CASE



DELL TECHNOLOGIES MENTORSHIP

Dell Technologies mentors are data scientists who are experts in the field of Artificial Intelligence with industry practical experience, and they will be working with mentees on any questions they might need throughout the academic year.



DELL Mentor Roles

CONSULTANT

Offering support and providing supplementary resources, and awareness about latest industry tools and methods if needed.

COLLABORATOR

Creating challenge and encouraging growth.

COACH

Facilitating professional/industrial vision based on real-life market experience and bridging the gap between academia and industry.

GOVERNMENT COLLABORATION



وزارة الاتصالات
وتكنولوجيا المعلومات
Ministry of Communications
and Information Technology



The government is the main sponsor for the program bringing all parties together (Industry and Academia):

- Providing access to key/strategic national projects
- Providing access to Industry-grade High Performance Computing data center which is supported by Applied Innovation Center (AIC)
- Provide all needed information for real-life use cases to make the students apply the AI techniques on solving the problem

AI HACKATHON 5 UNIVERSITIES

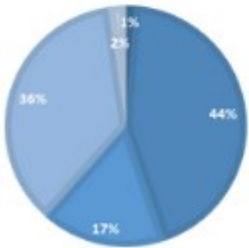
- AI Hackathon to take place in July
- Ideation Hackathon, each team comes up with an innovative idea
- 15 teams from 5 universities will participate in AI Hackathon: 3 teams from each university
- Dell Technologies to provide technical team and judges to run the competition and judge the presented ideas
- Top 3 winners to receive certificates of recognition presented from the government & Dell Technologies

AI EMPOWER EGYPT 2022 IN NUMBERS



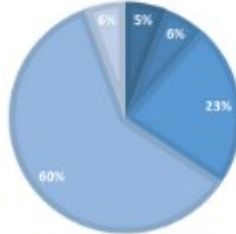
TOTAL NO. OF STUDENTS

■ AUC ■ GUC ■ Ain Shams ■ Cairo ■ AAST

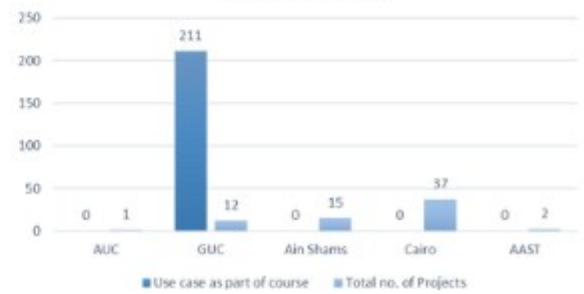


TOTAL NO. OF PROFESSORS

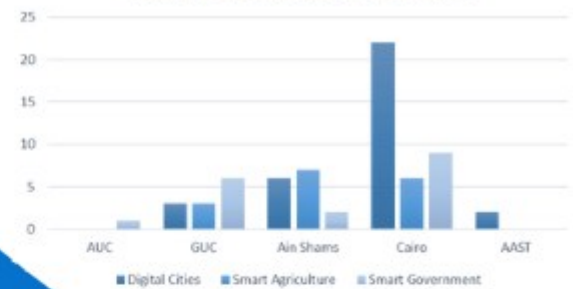
■ AUC ■ GUC ■ Ain Shams ■ Cairo ■ AAST



Delivery Model



TOTAL NO. OF PROJECTS/USE CASE



AI EMPOWER EGYPT 2022 AGREEMENT SIGNING



AI EMPOWER EGYPT



Reach out to the following coordinators for more information regarding the program:

Cairo university: a.elkilany@fci-cu.edu.eg

GUC: mervat.abuelkheir@guc.edu.eg & maggie.ezzat@guc.edu.eg

Ain shams university: monaabelazim@cis.asu.edu.eg

AAST: mohamed.eltaweel@ieee.org

AUC: seldawlatly@aucegypt.edu



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