

DEPI Orientation

Round 3 – June 2025



Who Am I ?

Eng. Baraa Abu Sallout - Palestinian From Gaza 

- Bachelor's and Master's in Computer Engineering
- AI Solutions Engineer & Business Empowerment Specialist
- AI Development Consultant
- Data Scientist
- Expert Trainer & Consultant (Work in DEPI R1,R2 with 8 Groups)
- Human & Mentor
- Lifelong Learner

[Linkedin Link](#)

NOW,,

Who are you?

Why are you here?

What's your university major?

Are you working right now or not?

If you're working, what do you do?

Discord

CAI3_AIS4_G1 - R3

Events

Server Boosts

Text Channels

general

Voice Channels

General

CAI3_AIS4_G1 - R3

general

Search

Welcome to
CAI3_AIS4_G1 - R3

This is your brand new, shiny server. Here are some steps to help you get started. For more, check out our [Getting Started guide](#).

Invite your friends

Personalize your server with an icon

Send your first message

Add your first app

You must know

Communication

- **Students Team Leader ???**
- Company Admin Contact
- Ticketing System

Time is divided between

- **Group sessions:** we explain new concepts (aka 'theory')
- **Practise sessions:** you work on exercises or case studies or projects
- **Interactive sessions:** encompass a range of activities aimed at hands-on

In case of questions, remarks, suggestions, you can always interrupt us and just ask.

Feel lost?

**Please stop me
Just ask,
We are here to help you.**



Our Rule of sessions

- **Students are expected to join sessions on time.**
- **Interactive, Interactive, Interactive.**
- **Questions Outside the Session in Discord.**
- **Assignments and small projects must be submitted on time.**
- **Random surprise questions during the session 😊 (don't answer be marked as absent.)**

Orientation – DEPI

Academic Model

Profile

Sessions

Evaluation

Presentation

Quiz

Assignment

Assessments

Final
Assessment

Mark your Timeline

Announcement of **Profile Detailed Syllabus**



DEPI Objectives

1. **Developing technological pioneers in modern technologies among students and graduates, especially software development pioneers, artificial intelligence, data science, business analysis, cybersecurity, digital arts, and others.**
2. **Providing the appropriate environment for students and graduates to start their own businesses on freelance platforms.**
3. **Qualifying students and graduates to join distinguished jobs in the field of information and communications technology.**



4:10 PM break

DEPI / Graduates / Round 3																								
Fri 27 Jun - Thu 11 Dec 2025 (24 Weeks Training & Coaching)																								
Training (20 Weeks)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Week Start Day Friday	27-Jun	4-Jul	11-Jul	18-Jul	25-Jul	1-Aug	8-Aug	15-Aug	22-Aug	29-Aug	5-Sep	12-Sep	19-Sep	26-Sep	3-Oct	10-Oct	17-Oct	24-Oct	31-Oct	7-Nov	14-Nov	21-Nov	28-Nov	5-Dec
Session 1	Technical Sessions (17 Wks)																	Technical Sessions (6 Wks)				Project Discussion		
Session 2	Technical Sessions (17 Wks)																	English for FreeLancing (6 Wks)						
Session 3	Skills for Freelancing (6 Wks)						FreeLancing (6 Wks)					Coaching for Hunting Opertunities (10 Wks)												

IBM Data Scientist



IBM Data Science Syllabus

IBM Data Scientist	
Course Name	Hours
What is Data Science?	6
Tools for Data Science	3
Data Science Methodology	3
Python for Data Science, AI & Development	12
Python Project for Data Science	3
Databases and SQL for Data Science with Python	27
Data Analysis with Python	9
Data Visualization with Python	15
Machine Learning with Python	27
MLOps Tools, MLflow and Hugging Face	9
Applied Data Science Capstone	3
Instructor Advice: Next Steps	3
Total	120

Pre Assessment

My Advice for New Data Scientists

1. **Use curiosity to fuel problem-solving**
2. **Master the basics**
3. **Work on real projects**
4. **Embrace failure**
5. **Learn to tell the story**
6. **Never stop learning**
7. **Build your network**
8. **Be adaptable**
9. **Focus on quality, not just quantity**
10. **Always think about added value**
11. **Be solution-oriented, not tool-oriented**
12. **Share your work and learn from others**

**Good Luck
Thank you**