

# MOHAMED ELSHINAWY

## Data Scientist

Cairo, Egypt

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[Portfolio](#)

## Summary

Highly skilled Data Scientist with a strong background in data analysis, machine learning, and statistical modeling. Brings extensive experience in extracting actionable insights from complex datasets and a proven track record of delivering data-driven solutions that enhance decision-making and drive business success. Proficient in building predictive models, optimizing algorithms, and visualizing data through interactive dashboards. Adept at leveraging cutting-edge data science tools and techniques to improve operational efficiency, uncover trends, and support strategic goals. Passionate about innovation and problem-solving, with a demonstrated ability to translate data into meaningful outcomes that create value across diverse industries.

## Education

Bachelor of Computer Science Obour Higher Institute, Cairo, Egypt

Scientific Computing (AI) Department

Graduation Date: July 2025 (GPA: 3.8)

## Skills

### Technical Skills:

- **Programming Languages:** Python, SQL, C++, Java, JavaScript.
- **Programming Fundamentals:** Object-Oriented Programming (OOP), Data Structures, Algorithms, Databases, Operating Systems, Networking.
- **Data Science Libraries:**
  - **Data Manipulation & Analysis:** Pandas, NumPy.
  - **Machine Learning:** Scikit-learn.
  - **Data Visualization:** Matplotlib, Seaborn, Plotly.
  - **Natural Language Processing (NLP):** NLTK.
  - **Deep Learning Frameworks:** TensorFlow, Keras.
  - **Computer Vision:** Ultralytics (YOLOv).
  - **HuggingFace – Kaggle - Jupyter**

## Certifications and Achievements

### IBM :

- Python for Data Science, AI & Development.
- Python Project for Data Science.
- Databases and SQL for Data Science.
- Data Visualization with Python.
- What is Data Science ([here](#))
- (IBM Badge) Data Science Orientation ([here](#))

### Data Camp :

- Supervised Learning with scikit-learn ([here](#))
- Joining Data with pandas ([here](#))
- AWS Concepts ([here](#))
- Data Science Associate

### Huawei :

- HCIA-AI V3.5
- HCIA-Datcom
- HCCDA-AI (Huawei Cloud Certification)  
Issued 10 Dec 2025 · Expires 10 Dec 2028
- HCCDA-Tech Essentials (Huawei Cloud Certification)  
Issued 9 Dec 2025 · Expires 9 Dec 2028

Credential ID : HWENDCAIDA847852

Credential ID : HWENDCTEDA670229

- Gold medal (Cloud Track) in Huawei ICT Competition 2023/2024
- HUAWEI CLOUD Ambassador

Data Science and AI [Diploma](#) with [DotPy](#) Academy under the guidance of Eng. Amr Helal

## Work Experience

### Data Science Intern | CognoRise

(10/09/2024-10/10/2024)

A 30-day internship at [CognoRise InfoTech](#) (from 10/09/2024 to 10/10/2024) provided hands-on experience in Data Science within a dynamic and collaborative environment.

- Built and optimized 5+ predictive models that improved data-driven decision-making accuracy by 20%.
- Processed large datasets (50K+ rows) and visualized trends using Python and Seaborn.
- Delivered 3 end-to-end data science reports that identified actionable business insights.

### Data Science Intern | PRODIGY Infotech

(1/09/2024-30/9/2024)

Completed a 1-month internship at [Prodigy InfoTech](#) (01/09/2024 – 30/09/2024) to gain hands-on experience in Data Science. The internship provided practical exposure to the field while enhancing technical skills and deepening understanding of key data science concepts. Tasks included analyzing datasets, building machine learning models, and generating insights to solve real-world problems, as well as developing proficiency in data visualization tools and advanced technologies for effective result interpretation. This experience strengthened an analytical mindset, improved collaboration within a professional environment, and clarified the application of data science techniques to drive impactful outcomes. Ultimately, the internship served as a valuable step in professional development, providing the skills and confidence necessary to excel in data-driven projects and challenges.

### Machine Learning Intern | MentorNess

(26th May 2024- 25th Jun 2024)

A one-month internship as a Machine Learning Intern at [Mentorness](#), beginning on 26 May 2024, provided deep immersion in hands-on projects that bridged theoretical knowledge with real-world applications. The role offered a comprehensive opportunity to work on end-to-end machine learning workflows.

- Developed machine learning models achieving up to 92% classification accuracy.
- Tuned model hyperparameters, improving performance metrics by 15%.
- Collaborated with a remote team of 5 members to deploy models in real-world projects.

### Data Science Intern | codsoft

(September 2024 - October 2024)

[here](#)

### Data Science Intern | Code Alpha

(September2024 October2024)

[here](#)

### Instructor | Digital Egypt Pioneers Initiative

(September 2024 - Present)

Teaching at Elharefa as part of the Digital Egypt Pioneers Initiative (DEPI) in collaboration with the Egyptian Ministry of Communications and Information Technology (MCIT).

### Freelancing Coach | Digital Egypt Pioneers Initiative

(September 2024 - Present)

- Trained over 200 students in freelancing and data science fundamentals.
- Achieved 90% employment and internship success rate among trained students.
- Conducted 15+ workshops across Egypt under MCIT and Elharefa initiative.

### Huawei Cloud Developer Group (HCDG) – Organizer

(December 2024 – Present)

I actively contribute to expanding awareness of Huawei Developer Certifications and various educational programs within universities. I also take part in organizing and supporting tech-focused activities, including hackathons, workshops, and seminars. Additionally, I work on building and nurturing a community of students passionate about **Cloud computing**, **AI**, and other emerging technologies.

## Languages

Arabic - Native — English - B2