

Nour-Eldeen Anwar Mohamed

Alexandria, Egypt | +20 102 4468369 | nourel1515@gmail.com

LinkedIn: <https://www.linkedin.com/in/nour-eldeen-anwar-125743233/>

GitHub: <https://github.com/Nouranwar>

Career objective

Aspiring Data Scientist with a good foundation in Python, Machine Learning (ML), and Deep Learning (DL). Passionate about leveraging data-driven insights and AI technologies to solve real-world problems. Eager to contribute to innovative teams while expanding technical and analytical skills.

Education

- **Bachelor of Data Science** – Alexandria University. **GPA:** 3.19 **2021 - 2025**
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Training & Courses

AI – Samsung Innovation (Jul 2024 – Oct 2024)

- Completed training in Python fundamentals, data analysis (probability, statistics, linear algebra), machine learning algorithms, and neural networks using TensorFlow and Keras.

Data Analysis – My Communication (Jun 2023 – Aug 2023)

- Developed expertise in data analysis using Power BI, focusing on deriving insights and supporting data-driven decision-making.

Machine Learning – Stanford University (Coursera)

- Completed foundational course covering supervised learning, unsupervised learning.

Google Data Analytics – Coursera

Completed professional certificate program covering data cleaning, analysis, and visualization with tools like Excel, SQL, and Tableau.

egFWD Data Analysis

- Completed hands-on training in data analysis, including exploratory data analysis and visualization.
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Projects

Muthmir – Smart Agriculture System

- Built a smart greenhouse using IoT, AI, and a mobile app to monitor and control plant growth.

Real-Time Violence Detection

- Developed a deep learning system for real-time violence detection using a hybrid MobileNetV2 and LSTM model.

Superstore Sales Analysis

- Analyzed the "Superstore Sales" dataset to derive insights for strategic decisions, using EDA, data preprocessing, and regression models (KNN, Random Forest, XGBoost, AdaBoost).

Consumer Behavior Analysis for Smart Wellness Devices at Bellabeat

- Analyzed using R, conducting EDA and visualizations to uncover user behavior patterns, providing insights to enhance marketing strategies and user engagement.
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Technical Skills

- Machine Learning & Deep Learning: Scikit-learn, Keras, TensorFlow, CNN, LSTM, model evaluation, regression, classification.
- Data Analysis: Pandas, NumPy.

Familiar :

- R (Programming Language) , Microsoft Power BI, SQL and Database Management.
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Soft Skills

Awards & Competitions:

- 3rd Place Winner at Port Said Engineering Day 2025 for the Muthmir smart agriculture project.

Languages:

- Arabic (Native)
- English (Intermediate Level)