

Esraa Yaser Gaber Elzaghal | Data scientist

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El Mahalla El Kubra, El-Gharbia, Egypt

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Data Scientist | AI & Data Analytics Specialist | Predictive Modeling Expert

Skilled in building predictive models, data pipelines, and dashboards using Python, SQL, and ML tools. Experienced in EDA, NLP, KPI extraction, and reporting. Delivered real-world projects through freelance work and national initiatives like Digital Egypt Pioneers. Proficient in structured/unstructured data and committed to continuous learning in AI and analytics.

Skills

- Data Analysis
 - Machine Learning
 - Deep Learning
 - Predictive Analytics
 - Statistical Modeling
 - EDA
 - Data Cleaning
 - Feature Engineering
 - Tableau
 - Excel
 - Web Scraping
 - Jupyter Notebook
 - Python
 - SQL
 - Pandas
 - NumPy
 - Scikit-learn
 - Matplotlib
 - Seaborn
 - Plotly
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Experience & Training

- **Oracle University – AI Track (Self-Study)** (*Jul 2025 – Present*)
Ongoing self-paced AI training covering supervised learning, preprocessing, and modeling with Python.
- **ITIDA GIGs – AI & Data Projects** (*Jun 2025 – Present*)
Contributing to real-world data analysis and AI tasks in freelance-style team environments.
- **CodeAlpha – Data Science Intern** (*Jun 2025 – Jul 2025*)
Built data projects with Python and ML, including dashboards and predictive models published on GitHub.

- **Digital Egypt Pioneers – Data Science Track** (*Nov 2023 – May 2024*)
Completed hands-on training in data analysis, machine learning, and AI applications.
 - **IBM SkillsBuild – AI & Data Foundation** (*Jul 2023 – Dec 2023*)
Earned certification in data science basics, BI tools, and applied machine learning.
 - **CodSoft – Data Science Intern** (*Jul 2023 – Sep 2023*)
Delivered projects involving model building, EDA, web scraping, and data visualization.
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Education

Bachelor of Science – Computer Science

Faculty of Science, Tanta University

2023 – 2027 (*Expected*)

Certifications

- Freelance Project – ITIDA GIGs Platform (2024–Present)
 - Digital Egypt Pioneers – Data Science Track (Nov 2023–May 2024)
 - Data Science Internship – CodSoft (Mar–Apr 2025)
 - Data Science Internship – Code Alpha (Jun–Jul 2025)
 - AI Program – IBM SkillsBuild (Completed 2024)
 - UNICEF "Meshwary" Program (Jan–Feb 2021)
 - Modern Leadership – STJEGYPT (Apr 2025)
 - Communication Skills – STJEGYPT (Apr 2025)
 - Time Management – STJEGYPT (Apr 2025)
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Projects

- **Unemployment Analysis in India** – Built a dashboard to visualize regional unemployment trends.

GitHub: [CodeAlpha Tasks](#)

- **Sales Forecasting & Demand Prediction** – Led model development and built an interactive sales dashboard.

GitHub: [AIS4 S1 3](#)

Languages

- Arabic: Native
- English: B1 (Intermediate)