AHMED ALI ELGOHARY

DATA ANALYST | JUNIOR DATA SCIENTIST

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PROFESSIONAL SUMMARY

Data Analyst and Junior Data Scientist experienced in Python, SQL, Power BI, data cleaning, EDA, dashboarding, web scraping, and machine learning. Built end-to-end projects using real-world datasets and led technical content development and quality review for AI and data science programs.

TECHNICAL SKILLS

- **Core:** Python, SQL, C++, Pandas, NumPy, Excel, Power BI, DAX, Power Query
- **Data & Databases:** PostgreSQL, SQL Server, Selenium, web scraping, cleaning, preprocessing
- **Tools:** Git, GitHub, Jupyter Notebook, Google Colab, VS Code, OpenPyXL
- **Visualization:** Matplotlib, Seaborn, dashboards, data storytelling, reporting
- **Machine Learning:** Scikit-learn, TensorFlow, deep learning, YOLO, feature engineering, evaluation
- **Foundations:** Probability, statistics, linear algebra, Calculus, optimization, OOP

PROFESSIONAL EXPERIENCE

Team Lead - AI & Data Science Content Development | *Armstrong* **May 2025 - Jul 2026**

- Promoted from Subject Matter Expert to Team Lead after contributing to the design and technical review of AI and data science learning content.
- Led 4 subject matter experts developing project-based materials across Python, data preprocessing, EDA, feature engineering, machine learning, and model evaluation.
- Reviewed technical implementations for accuracy and collaborated with curriculum teams to structure learning paths, projects, assessments, and real-world dataset activities.

Part-Time Coding Instructor | *EYouth* **Mar 2026 - May 2026**

- Delivered Python and problem-solving lessons through practical examples, guided exercises, and real-world applications.

SELECTED PROJECTS

Egyptian Premier League Dataset | Kaggle | GitHub

Technologies: Python, Selenium, Pandas, NumPy, OpenPyXL, Excel

- Scraped 10 seasons of Egyptian Premier League data and organized the records into three related tables.
- Cleaned and validated the dataset using Python, exported structured outputs with OpenPyXL, and published the completed dataset on Kaggle.

Luxury Jewellery Sales Analytics Dashboard - Power BI | GitHub

Technologies: Power BI, Power Query, DAX, Excel, Star Schema, Data Modelling

- Developed a three-page interactive Power BI dashboard analyzing approximately 20,000 sales transactions and $22.2 million in revenue.
- Cleaned and transformed raw Excel data using Power Query and designed a star-schema data model to improve reporting accuracy and performance.
- Created DAX measures for total sales, transaction volume, average transaction value, year-over-year growth, product rankings, and average price per gram.
- Generated insights into sales trends, product performance, customer segments, and payment preferences to support data-driven business decisions.

LinkedIn Job Market Analysis & Power BI Dashboard | GitHub

Technologies: Python, Pandas, Matplotlib, Seaborn, Power BI

- Cleaned and analyzed a LinkedIn job-postings dataset, then built an interactive Power BI dashboard to communicate hiring trends and insights.

Arabic Sign Language Recognition (Graduation Project)

Technologies: Python, Deep Learning, Computer Vision

- Led development of a deep learning model that classified 20 Arabic sign-language words using a custom dataset of 8,500 videos.
- Built the preprocessing, feature-extraction, training, and evaluation workflow and integrated the model into a school-management system for real-time translation.

EDUCATION

Bachelor of Communication and Electronics Engineering | *Mansoura University* **2018 - 2023**

Mansoura, Egypt

LANGUAGES

Arabic | English - IELTS Band 7.0 | German - A1