

Ali Elsabaa

Data Analyst

alielsabaa9@gmail.com | +201013791352 | Mansoura, Egypt. (Ready to relocate)
<https://www.linkedin.com/in/ali-elsabaa/> | <https://github.com/AliElsabaa>

Summary

Detail-oriented Data Analyst with a background in AI Engineering, skilled in transforming complex datasets into actionable insights. Proficient in Excel, Power BI, and Tableau, with hands-on projects in sales and customer analytics. Experienced in building interactive dashboards and identifying key KPIs to support data-driven decision-making. Seeking entry-level Data Analysis and Business Intelligence roles.

Internship and Training

- **Intensive Training Program (ITP) - Power BI Development Track. [Jan 2026 – May 2026]**

Information Technology Institute (ITI), Mansoura Branch.

Projects:

- Graduation Project: **FoodFlow** ([GitHub Link](#)). Technologies: Power BI, SQL Server, SSIS, Prompt Engineering, n8n, streamlit, Python, Data Warehouse, and Data Generation.
- Retail Sales Analysis ([GitHub Link](#)). Technologies: Tableau, Microsoft Excel.
- HR Analysis ([GitHub Link](#)) Technologies: Power BI, Star-Schema, DAX.

- **Data Scientist Intern at CORELIA – Cairo, Egypt [June 2025 – Aug 2025]**

Projects:

- Automated Retail Shelf Monitoring.
Technologies: Small and Densely Object Detection – CFINet - Faster R-CNN - SKU-110K.

- **Digital Egypt Builders Initiative (DEBI) - Data Science and Cloud Computing Track. [Nov 2024 – June 2025]**
-

Experience

- **AI Engineer (Full-time, Remote) - DITC - Cairo, Egypt [Nov 2025 – Jan 2026]**
 - Developed an **ASR** model for the Arabic language, especially the **Saudi** dialect, using **NeMo** architecture.
 - Developed **Multilingual ASR ArTSTv3** (Arabic and English)
 - Created Large Code-switching data using LLMs to use in fine-tuning.
 - **Mathematics Teacher – Best Step Center (BSC) (Part-time, Remote) [March 2025 – Jan 2026]**
 - **Mathematics AI Trainer - Outlier.AI. (Freelance, remotely) [Sep 2024 – Jan 2025]**
 - **Coding Instructor - Future kids. part-time and remotely. [Feb 2024 – Oct 2024]**
-

Education

- **Bachelor of Engineering. [Sep 2019 – July 2024]**
Computer Engineering and Control Systems Department, Faculty of Engineering, Mansoura University.
Cumulative grade: **90.91% (Excellent with Honors)**
Graduation project: **Driving Monitoring System (DMS)** - Grade: **Excellent**.
Technologies: Object Detection – RoboFlow - MobileNet SSD v2 - Raspberry Pi 4.
-

Technical Skills

- **Data Analysis & Visualization:** Data Cleaning & Preprocessing - Exploratory Data Analysis (EDA) - Data Visualization - Dashboard Development - KPI Definition & Tracking - Data Storytelling.
 - **Tools & Technologies:** Microsoft Excel (Pivot Tables, Power Query, Charts) - Power BI (DAX, Data Modeling) - Tableau - Jupyter Notebook / Google Colab
 - **Programming & Query Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn) – SQL.
 - **Databases & Data Handling:** Relational Databases (SQL Server) - Data Warehousing Concepts - ETL Processes - SSIS
 - **Statistics & Analytics:** Descriptive Statistics - Probability Basics - Hypothesis Testing - Data Interpretation.
-

Courses

- **Data Analyst in Power BI.** – DataCamp - (50 hours). [April 2026] [\[Link\]](#)
 - **Data Analyst with Python.** - DataCamp - (36 hours). [July 2023] [\[Link\]](#)
 - **Artificial Intelligence** training course - National Telecommunication Institute (NTI). [Sep 2024]
 - **Digital Egypt Pioneers Program (DEPI)** [Oct 2024]
 - **Microsoft Machine Learning Engineer** training program.
 - **Berlitz Egypt - Business English Track.**
 - **Huawei HCIA-AI Training - Huawei ICT Academy.** [Oct 2023]
 - **Computer Vision** summer training - Information Technology Institute (ITI). [Sep 2023]
 - **Artificial Intelligence** training course - Samsung Innovation Campus (SIC) [Dec 2021]
-

Language Skills

- **Arabic:** Native
 - **English:** Intermediate
-

Additional Information

- **Nationality:** Egyptian
 - **Military status:** Final Exempted
-

Extracurricular Activities

- Member of the college theater team for **3 years**; participated in **5+ productions**.
- Gained experience in **acting and directing**, including leading a performance.
- **Awarded Certificate** of Excellence in Acting at the university level.