

Alaa Elsayed Gabr

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[LinkedIn](#) | [GitHub](#) | [Kaggle](#)

Objectives

Driven and analytical AI and Data Science student with a strong foundation in data analysis, machine learning, and deep learning. Skilled in Python and key tools such as Pandas, Scikit-learn, TensorFlow, and data visualization libraries. Adept at extracting insights from complex datasets and developing intelligent, human-centered solutions. Seeking internship or research opportunities to apply and expand my expertise in building ethical, impactful systems at the intersection of data science and artificial intelligence.

Education

Bachelor's Degree in Artificial Intelligence

Kafrelsheikh University, Egypt

Grade: 3.4 / 4 GPA

Expected Graduation: 2028

Experience

Training & Internship

- **Data Analysis Intern**

Digital Egypt Pioneers Initiative – DEPI

Completed a hands-on internship covering the full data analytics lifecycle, including data preparation (Python, SQL, Excel, Power Query, Power Pivot), data analysis, and visualization (Tableau, Power BI). Gained practical experience in making data-driven decisions, prompt engineering, and data governance. Concluded with a capstone project applying end-to-end analytics skills to solve real-world problems.

- **AI & Machine Learning Summer Camp**

(September, 2025)

Sprints x Microsoft

*Intensive training in Machine Learning, covering supervised/unsupervised algorithms, model development, and deployment. Completed a capstone project building an end-to-end ML pipeline, with additional Microsoft Learn AI Fluency, **Generative AI**, and **Business AI applications**.*

- **Introduction to Data Analysis Training**

(July 26–30, 2025)

Tharaa for Training

*An intensive 15-hour training program covering the fundamentals of data analysis, Excel for data processing, Power BI for visualization and reporting, KPI interpretation, and professional preparation for data analyst roles (CV and LinkedIn optimization). Delivered by Tharaa – **ثراء للتدريب***

- **Python for AI & Data Science Training**

(April, 2025)

Microsoft Learn Student Ambassadors – KFS

IEEE Kafrelsheikh Student Branch

Gained hands-on experience in Python programming for data analysis, machine learning, and AI applications. Developed skills in data preprocessing, exploratory data analysis, and model building using libraries such as NumPy, Pandas, Matplotlib, Scikit-learn, and TensorFlow. Applied knowledge through real-world projects focused on data-driven problem-solving.

- **C++ Programming Training**

(September, 2024)

IEEE Kafrelsheikh Student Branch

Developed a strong foundation in object-oriented programming using C++. Gained hands-on

experience in core programming concepts. Practiced problem-solving and algorithmic thinking through various coding exercises and projects.

Volunteering

- **Life Makers Foundation**

Participated in community development initiatives, supporting educational programs and social impact projects aimed at empowering underprivileged groups.

Projects

- **Smart Decisions with Hotel Booking Analytics** - [GitHub](#)
Developed a full data analytics workflow on hotel booking data, uncovering trends in cancellations, customer type, seasonality, and pricing. Conducted EDA with Python (Pandas, Seaborn, Matplotlib) and built interactive dashboards using Streamlit and Tkinter to deliver clear, dynamic insights for data-driven decisions.
- **PyBrary - Library Book Finder** - [GitHub](#)
PyBrary is a modern, user-friendly library book finder application built with Python and ttkbootstrap. It offers a sleek, responsive interface for searching, borrowing, and purchasing books. The project also includes a user authentication system and CSV-based data management, making it a great starting point for learning GUI development in Python.
- **Smartphones Sales Analysis** - [GitHub](#)
This project provides a comprehensive analysis of smartphone sales, leveraging the power of Python for data processing and Streamlit for interactive visualization. It includes an in-depth notebook for data exploration and a polished, real-time dashboard for dynamic insights.

Technical Skills

Languages: Python, C/C++, SQL

Concepts: OOP, Data Structures and Algorithms, Machine Learning

Developer Tools: Git & GitHub, Anaconda, Jupyter Notebook

Other Tools: MySQL (Basics), Excel, PDF/Word Handling

Libraries: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Tkinter, Streamlit

Languages

- Arabic (Native)
- English (Professional Working Proficiency)