Mahmoud Mohamed Elfaham

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OPJECTIVE

- Final-year Biomedical Engineering student skilled in **Data Analysis and Visualization (Python, R, Excel, Power BI)**. Seeking an entry-level role as a **Data Analyst** to apply analytical and technical skills in extracting insights, supporting decision-making, and contributing to smart healthcare solutions.

EDUCATION

- **Bachelor of Science in Biomedical Engineering** *(Expected July 2026)*
- University: El Shrouk Academy
- Faculty: The Higher Institute of Engineering.

Training Experience

Data Analysis Training – *National Telecommunication Institute (NTI)*

- Focused on **data cleaning, analysis, and visualization** using Python, Excel, and Power BI.

Entrepreneurship Training – *ITDA*

- Gained knowledge in **entrepreneurship, innovation, and project management**.

SKILLS

- **Programming Languages:** C, C++ , Dart, Python,SQL
- **Concepts:** Data Structures, Object-Oriented Programming (OOP)
- **Software Development:** GUI design, Application logic.
- **Artificial Intelligence (AI):** Currently enrolled in an AI diploma, gaining hands-on experience with machine learning, data analysis, and intelligent systems development**.**

PROJECTS

- Tumor Data Analysis (SQL): Managed and analyzed tumor datasets using advanced SQL queries.

- Healthcare Data Cleaning: Cleaned and prepared US health insurance data for analysis.

- Udemy Dataset Cleaning: Processed and structured course enrollment data.

- Sales Dashboard (Excel): Built an interactive dashboard with Pivot Tables and charts.

- Sales Dashboard (Power BI): Designed a dynamic dashboard with DAX and visualizations.

Soft Skills

- **Teamwork & Collaboration**

- **Leadership**

- **Communication & Presentation**

- **Problem-Solving**

- **Time Management**

- **Adaptability & Quick Learning**

- **Initiative & Self-Motivation**

Extracurricular Activities

- **Head of the Cultural Committee – Student Union, Faculty of Engineering, El Shorouk Academy** *(2025 – Present)*
- **Technical Instructor (C++ Programming) – IEEE Shorouk Academy Student Branch** *(2023 – 2024)*
- **Campus Representative – E-CLUB (Entrepreneurship Club)** – El Shorouk Academy *(2025– Present)*
- **Volunteer – Resala Charity Association** *(2022 – 2023)*
- **Leader – Biomedical Engineering Section – El Shorouk Academy** *(2025 – Present)*

Language Skills

- English: good.
- German: level (A1.1).

Personal Information

- Date of Birth: 29st January 2003.
- Nationality: Egyptian.
- Military Status: Exempted