Abdelrhman Elyamny Moawad

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Objective

A third-year computer science student passionate about Data Science, with hands-on experience in data analysis, visualization, and machine learning. Skilled in Python, Pandas, and SQL. Seeking to apply data-driven solutions in real-world challenges.

Education

- **Bachelor of Computer Science | 2023-2027**
  Faculty of Computers and Information at Tanta University.
  General Grade: Very Good

Experience

AI & Data Science Trainee-Digital Egypt Initiative, June 2025: Present

- Receiving intensive training in artificial intelligence, data analysis, and machine learning using Python, Pandas, and Scikit-learn.
- Working on hands-on projects related to data cleaning, visualization, and building predictive models.
- Collaborating with peers in a team-based learning environment to solve real-world problems using data.
- Enhancing technical and soft skills through workshops on communication, critical thinking, and innovation.

Courses & Certifications

Transact-SQL Queries Using SQL Server

MaharaTech-ITI (Information Technology Institute) | 08/2025

- Covered SQL queries, EERD, JOINs, aggregate functions, and data management in SQL Server.

Advanced Python for Data Science

Faculty of Computers and Information at Tanta University | 02/2025 – 03/2025

- Covered advanced concepts in Python programming, data manipulation using Pandas, numerical computing with NumPy, data visualization, and an introduction to machine learning.

Skills

Technical Skills

- **Programming Languages:** Python, SQL, C++ (Basic)
- **Data Manipulation & Preprocessing:** Pandas, NumPy, Microsoft Excel
- **Data Visualization:** Matplotlib, Seaborn
- **Machine Learning:** Scikit-learn

Projects

Pharmacy Management System

Faculty of Computers and Information – Tanta University

- Developed a comprehensive desktop-based pharmacy management system as part of a software engineering course.
- Conducted system analysis through stakeholder interviews and feasibility studies (operational, technical, and economic)
- Designed core modules including inventory tracking, shortage alerts, billing, and returns management.
- Proposed smart features like medication recommendations and expiry notifications using structured data logic.
- Contributed to UI design and functional specifications focused on usability, automation, and system integration.

Languages

- Arabic: Native
- English: Upper Beginner (A2 Level) – currently studying at the American University in Cairo (AUC)