

MOSTAFA ELSAYED ABDELAZIZ

Data Analyst | Computer Science Student

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PROFESSIONAL SUMMARY

Third-year student at the Faculty of Computers and Artificial Intelligence, Benha University, with a strong interest in Data Analysis and a foundation in databases, Microsoft Excel, problem-solving, and analytical thinking. Experienced in academic projects involving system analysis, database design, and data organization. Developing practical skills in data analysis, data visualization, and machine learning.

EDUCATION

Faculty of Computers and Artificial Intelligence, Benha University — Third Year

TECHNICAL SKILLS

Microsoft Excel • Database Fundamentals • Data Analysis • Data Visualization • Python • Pandas • NumPy • SQL • C++ • Object-Oriented Programming (OOP) • Data Structures

DATA ANALYSIS PROJECTS

Laptop Price Analysis & Prediction

- Analyzed laptop data and prepared it for machine learning.
- Performed data preprocessing including handling missing values, duplicates, and inconsistent data.
- Applied feature encoding and feature scaling.
- Built and evaluated multiple machine learning models for price prediction.
- Used regression metrics including MAE, MSE, RMSE, and R^2 .

Diabetes Classification Project

- Prepared and cleaned a healthcare dataset for classification.
- Handled missing values and duplicate records.
- Applied encoding, scaling, and data preprocessing techniques.
- Built classification models and evaluated them using Accuracy, Precision, Recall, F1-Score, and Confusion Matrix.

Excel Data Analysis & Dashboard

- Analyzed business data using Microsoft Excel.
- Created PivotTables and charts to identify trends and key insights.
- Analyzed sales, quantity, profit, and discount relationships.
- Built dashboard components to present findings clearly.

ACADEMIC PROJECT

Smart Medicine Vending Machine

- Worked on system analysis and design.
- Created Context Diagram and Data Flow Diagrams (DFD).
- Designed Entity Relationship Diagram (ERD).
- Performed database mapping.

SOFT SKILLS

Analytical Thinking • Problem Solving • Communication • Teamwork • Time Management

LANGUAGES

Arabic — Native • English — Intermediate (B1–B2)