Ahmed Essam Ahmed

Data Scientist

ahmedessam1457@gmail.com +201118280115 Cairo, Egypt linkedin.com/in/ahmed-essam-4a179533a

PROFILE

I am currently expanding my knowledge and skills in data science, focusing on understanding and utilizing various tools and techniques to analyze data effectively. I have a foundational understanding of key concepts and am dedicated to improving my abilities through continuous learning and practice. I am particularly interested in discovering patterns and extracting valuable insights from data to solve real-world problems. With a strong commitment to growth, I am eager to take on challenges that will help me build a solid base for a career in data science.

EDUCATION

Bachelor's degree student in Computer Science & Mathematics, Faculty of Science, 2023 – 2027
Helwan University Cairo | Helwan

COURSES

Python Programming Language

SQL Programming Language

OOP

Linear Algebra

Probability And Statistics

Power BI

Data Structure And Algorithms

Professional Experience

National Telecommunication Institute (NTI) — Advanced Data Analytics Intern 07/2025 – 08/2025

- Gained hands-on experience in data preprocessing using Python libraries (Pandas, NumPy, Scikit-learn).
- Developed interactive dashboards and reports using Power BI to visualize business insights.
- Applied machine learning models (classification, regression) on real-world datasets.
- Worked on multiple practical projects focusing on data cleaning, feature engineering, and model evaluation.
- Collaborated with peers to present insights and optimize analytical workflows.

Projects

Heart Disease Prediction & Analysis
Tools: Python (Pandas, NumPy, Scikit-learn), Power BI

- Collected and preprocessed medical dataset related to heart disease.
- Performed **data cleaning, feature engineering, and exploratory data analysis (EDA)** to identify key health risk factors.
- Built an **interactive Power BI dashboard** to visualize patient data and trends.
- Developed and evaluated **machine learning models** (e.g., Logistic Regression, Random Forest) to predict likelihood of heart disease.
- Achieved [Random Forest 78%] accuracy in prediction, providing data-driven insights for healthcare analysis.

Languages

Arabic
Naitve Language

English
Proficient in technical and industry-specific terminology