MAHMOUD KOUTAIT

Junior Data Scientist

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Summary

Motivated and detail-oriented junior data scientist with a strong foundation in data analysis, machine learning, and statistical modeling. Proficient in using Python, SQL, and various data visualization tools to extract valuable insights from complex datasets and visualize them. Skilled in applying machine learning algorithms to solve real-world problems and drive data-driven decision making. Demonstrated ability to collaborate effectively in cross-functional teams and communicate technical findings to non-technical stakeholders. Committed to continuous learning and staying up-to-date with the latest industry trends and technologies.

Education

Bachelor's in Mechatronics Engineering.   Sept 2020 – Feb 2026
Menofia University.

- Grade: Good.

Experience

Elaraby Internship, "Summer Internship."   Jul 2024 – Aug 2024

Digital Egypt Pioneers Initiative, "Data Analysis Track, 6 Months."   Oct 2024 – Apr 2025

- Gained proficiency in SQL, Python, Excel, Tableau, and Power BI.
- Applied data cleaning, transformation, and statistical analysis techniques to extract insights.
- Built interactive dashboards and reports for data-driven decision-making.
- Completed a capstone project that demonstrated an end-to-end data analytics workflow.

Orange Internship, "Big Data and Machine Learning"   Jan 2025 – Feb 2025

- Gained hands-on experience with Power BI and Python for data analysis.
- Learned machine learning fundamentals, including linear regression and classification.
- Built a laptop price prediction model using linear regression and made dashboard for it using Power BI.

Projects

Data Analysis Dashboards: Dashboards

Laptop Price Prediction using Linear Regression.

Certificates

Check out all my certificates here.   Certificates

Books

Check out books i have read here.   Boooks List

Technical Skills

Programming Languages: C | Python | SQL

Python Libraries: Numpy | Scipy | Pandas | Matplotlib | Seaborn | Scikit-Learn

Mathematical Foundation: Statistics | Probability | Linear Algebra | Calculus

Technologies and Concepts: Excel | Power BI | Tableau | MySQL | Anaconda | Jupyter Notebook | Git | GitHub

| Hugging Face | Linux | Docker | Problem Solving | Data Cleaning | Data Preprocessing | APIs | Prompt Engineering

Soft Skills

Problem Solving | Attention to Details | Time Management | Communication

Languages

Arabic: Mother-Tongue

English: Upper intermediate "B2"