

Mohamed Mayhoub

Data Analyst | Technical Trainer

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LinkedIn | GitHub | Portfolio

SUMMARY

Data Analyst with hands-on experience in cleaning, transforming, and analyzing real-world datasets using Excel, Python, SQL, and modern BI tools. Skilled in building interactive dashboards with Power BI and Tableau, applying statistical methods, and generating actionable insights to support data-driven decision-making. In parallel, experienced in teaching data analysis and programming fundamentals, with a strong ability to explain complex concepts clearly, present insights effectively, and collaborate in fast-paced, results-driven environments.

EDUCATION

Faculty of Engineering, Al Azhar University
Bachelor's in Systems and Computers Engineering

Oct. 2020 - Jul. 2025
Cairo, Egypt

EXPERIENCE

Mostakbal Academy Nov. 2025 - Present
Programming and Web Basics Instructor Egypt - Beni Suef
Delivered structured training in programming fundamentals and web basics, including HTML, CSS, and JavaScript.

Moalimy Sep 2025 - Present
Computer and IT Teacher Saudi Arabia (Remote)
Delivered engaging online lessons for secondary students, integrating digital tools, coding projects, and interactive learning experiences.

Digital Egypt Pioneer Initiative Remote
Data Analyst Intern June 2025 - Dec. 2025
Analyzed and cleaned datasets using Excel, Python, and SQL, and built interactive dashboards with Power BI and Tableau to visualize insights and support data-driven decisions.

Brainwave Matrix Solutions Remote
Data Analyst Intern Jul. 2025 - Sep. 2025
Performed data analysis on customer feedback using Python, Excel, and NLP techniques, delivering clear visual insights to support business and user experience decisions.

Toppers Sep 2022 - Present
Programming Instructor Remote
Delivered interactive programming courses in Python, Java, HTML/CSS, and Scratch for diverse learners.

PROJECTS

UK Train Rides Data Analysis ↗ Aug. 2025 - Dec. 2025

Analyzed transportation data using Python, SQL, and Power BI to identify usage patterns, trends, and passenger behavior.

HR Employee Attrition Analysis ↗ Oct. 2025

Analyzed HR datasets to identify attrition drivers using statistical analysis and data visualization techniques.

Sales Performance Analytics ↗ Sep. 2025

Built sales dashboards to evaluate performance, detect bottlenecks, and highlight growth opportunities.

Al Azhar University Housing Management System  Jul. 2025

Developed a digital system to manage student housing operations and records efficiently.

Sentiment Analysis on Airline Tweets  Jul. 2025

Applied NLP techniques to analyze airline-related tweets and extract sentiment-driven insights.

SKILLS

Data Analysis: Excel, SQL, Power Query, pandas, NumPy, DAX, Predictive Modeling

Data Visualization: Power BI, Tableau, Matplotlib, Seaborn

Programming: Java, Python

Soft Skills: Leadership, Presentation, Commitment, Social Impact, Personal Development, Critical Thinking, Teaching, Online Tutoring

Languages: English

COURSES & CERTIFICATIONS

Digitera – Tech for Non-Techies from iCareer  Jan. 2026

AI-Powered Data Analyst from Excelerate  Dec. 2025

Aspire Leaders Program from Aspire Institute  Dec. 2025

Data Analysis Essentials Using Google Colab from RIT & Excelerate  Dec. 2025

Business Intelligence & Data Analysis from Eyouth  June 2025

AiSK (AI Starter Kit) from ALX Africa  April 2025

AiCE (AI Career Essentials) from ALX Africa  July 2024

EF SET English Certificate from EF SET  July 2024