

Abdelrahman Mohamed Abd El-Hafez

Data Analyst

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Profile Summary

Data Analyst with 2 years of hands-on experience in data cleaning, visualization, and deriving actionable insights using Python and modern analytics tools. Proven ability to solve real-world problems through data-driven solutions, with achievements in national and global tech competitions. Actively seeking opportunities to contribute to innovative teams where I can apply my skills, grow in data science, and create meaningful impact through analytics.

Work Experience

IBM | Data Analyst Intern

February 2024 – June 2024

- Cleaned and preprocessed datasets using Python and Excel to ensure data quality and readiness for analysis.
- Performed exploratory data analysis (EDA) to uncover trends and patterns, leading to actionable business insights.
- Created interactive dashboards and visualizations to communicate findings clearly using tools like Excel and Power BI.
- Wrote detailed analytical reports summarizing results, insights, and recommendations for decision-makers.

ALX Africa | Data Science Programme

May 2023 – August 2024

Data Science Trainee (16-month intensive program)

- Completed a full-time, project-based program covering Python, SQL, statistics, data analysis, and machine learning.
- Built real-world data projects involving data cleaning, EDA, feature engineering, and predictive modeling using pandas, numpy, plotly.express, and scikit-learn.
- Developed strong data storytelling skills by presenting findings with visual dashboards and written reports.
- Practiced version control and collaboration using Git/GitHub and agile workflows in team-based assignments.
- Strengthened soft skills including communication, problem-solving, time management, and critical thinking through structured professional development modules.
- Participated in career-readiness sessions, peer reviews, and mentorship to prepare for real-world roles in data and tech.

Digital Egypt Cubs Initiative | Web Development Programme

October 2022 – Present

Ministry of Communications and Information Technology (MCIT) – Web Development Trainee

- Completed full-stack training with hands-on projects using HTML, CSS, JavaScript, SQL, TypeScript, Node.js, and Express
- Gained strong skills in OOP, async JavaScript (Promises, async/await), backend design patterns, and unit testing with Jasmine
- Practiced clean coding, Git/GitHub collaboration, and technical documentation writing (e.g. README files)

Education

Preparatory School Certificate

Graduated: 2025

Egyptian Ministry of Education

- Achieved high academic performance in final year (Prep 3), demonstrating strong capabilities in mathematics, science, and problem-solving.

Leadership & Volunteering Experience

Event Organizer – ALX Fusion Job Fair

December 2024

- Co-led the organization of a large-scale virtual and physical job fair connecting 1200+ attendees with 25+ hiring companies.
- Coordinated 3 days of keynote talks, networking sessions, and logistics, ensuring a seamless experience for alumni and recruiters.

Event Support & Coverage – ALX Ventures Demo Day

December 2024

- Supported the organization of a startup demo event featuring top entrepreneurs and investors.
- Provided media coverage by creating professional video content and social media stories to highlight the event.

Technical & Event Coordinator – TopCareer Maker Series

July 2025 - Present

- Co-organizing a series of career-focused events featuring industry leaders speaking on personal branding, freelancing, and CV building.
- Led the technical setup to deliver a high-quality hybrid experience, including livestreaming, AV setup (camera, microphones, Zoom), and real-time screen sharing for remote attendees.

Key Achievements

- **Fourth Place**, Google Solution Challenge Egypt (2024)
- **National Champion**, KenKen Competition (2018) – 6th globally
- **National Champion**, UCMAS Mathematics Competition (2019)
- **First Place**, Egyptian Talents Competition – Technology Department

Top Certifications

- **Google Certified Data Analyst**
- **ALX Data Science Graduate**
- **IBM**: Intro to AI (2023)
- **AWS**: ML on AWS (2023)
- **Meta**: Front-End Development (2023)
- **Microsoft**: Python – Intermediate (2023)

Tech & Professional Skills

- **Programming Languages**: Python, R, SQL
- **Data Analysis Tools**: Pandas, NumPy, Power BI
- **Databases**: MySQL
- **Tools & Platforms**: Jupyter Notebooks, Git, GitHub
- **Soft Skills**: Problem Solving, Communication, Time Management, Teamwork

Languages

- Arabic (Native)
- English (Fluent)