

Fawzy Mohamed Ahmed

Data Analyst

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Professional Summary

Data Analyst with expertise in Python, SQL, and Power BI, specializing in data manipulation and visualization. Proven ability to extract, clean, and analyze complex datasets to deliver actionable insights. Currently advancing analytical skills through DEPI with hands-on experience in building dashboards and exploratory data analysis.

Education

Kafr El-Sheikh University | Oct 2021 – July 2026
Bachelor's Degree, Computer Engineering

Experience

Data Analysis Intern | July 2025 – Present
Digital Egypt Pioneers Initiative (DEPI) | Remote

- Learning Python, Excel, and Power BI for data manipulation and visualization
- Performing hands-on analysis and contributing to team-based case studies
- Collaborating with cross-functional teams to derive insights from real-world datasets

Certifications

• Introduction to Data Analytics – IBM/Coursera	March 2023
• Python for Data Science, AI and Development – IBM/Coursera	April 2023
• SQL for Data Science with Python – IBM	January 2024
• Introduction to AI – IBM	January 2025

Projects

Uber Data Analysis Pipeline <i>Python, Excel, Power BI</i>	April 2024
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- Analyzed Uber trip data to identify patterns in ride demand, peak hours, and geographic trends
- Cleaned and preprocessed large datasets using Python and Excel
- Built interactive Power BI dashboard for visualizing key performance metrics

Sales Performance Dashboard <i>Power BI</i>	May 2024
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- Designed executive-level dashboard to track sales trends, regional performance, and revenue growth
- Implemented dynamic filtering and drill-down capabilities for detailed analysis
- Delivered actionable insights that supported strategic business decisions

Customer Segmentation Analysis
SQL, Power BI

June 2024

- Performed customer segmentation using SQL queries on transactional database
- Created Power BI visualizations to display customer behavior patterns and lifetime value
- Provided recommendations for targeted marketing campaigns

E-commerce Analytics Dashboard
Python, SQL, Power BI

September 2024

- Extracted and transformed e-commerce data using Python and SQL
- Conducted exploratory data analysis to uncover purchasing patterns and product performance
- Built comprehensive Power BI dashboard integrating multiple data sources

Analyzing Stock Performance and Building a Dashboard
Python

January 2025

- Extracted stock data using Python BeautifulSoup library
- Analyzed stock trends and performance metrics
- Generated insightful plots and visualizations for investment decision support

E-commerce Admin Dashboard
ASP.NET Core MVC

February 2025

- Built fully functional admin panel for managing products, categories, and users
- Implemented authentication, CRUD operations, and role-based access control

Technical Skills

Programming Languages: Python, SQL, C#, HTML, CSS, JavaScript
Data Analysis & Visualization: Power BI, Excel, Pandas, Data Cleaning, Visualization
AI & ML: OpenCV, Scikit-learn (Basics), Mediapipe
Tools: VS Studio, VS Code, Google Colab, Git

Soft Skills

- **Analytical Thinking & Problem-Solving** – Demonstrated ability to break down complex data challenges and develop efficient solutions
- **Effective Communication** – Skilled at translating technical findings into clear, actionable insights for stakeholders
- **Team Collaboration** – Proven track record working in cross-functional teams to deliver data-driven projects
- **Attention to Detail** – Meticulous in data cleaning, validation, and ensuring accuracy in analysis and reporting
- **Languages:** Fluent in English

Awards & Extra-Curricular

- ♦ Contributed to open-source data analysis projects on GitHub