

Ahmed Mahmoud

Data Analyst | BI Developer

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👤 Portfolio: <file:///D:/html/index.html>

🐙 GitHub: [Ahmed-Mahmoud6549 \(Ahmed Mahmoud\)](https://github.com/Ahmed-Mahmoud6549)

📍 address: Cairo – Helwan

Summary

Motivated and detail-oriented junior data analyst with a bachelor's degree in computer science and artificial intelligence and a strong passion for data analysis. Experienced in the sales sector with 3 years of professional background. Seeking a challenging role as a data analyst to apply skills in data analysis, data visualization, and process optimization to drive business growth.

Experience

Data Analysis

(Digital Egypt Youth (DEY)- Creativa Innovation Hubs, National Telecommunication Institute NTI)

📅 August 2025 – present

📍 Egypt, part-time

- Developing a firm grasp of the theoretical underpinnings of data analysis that serves as a solid base for advanced data analysis techniques and methodologies.
- Master SQL: Understand and apply SQL for querying and managing databases.
- Develop Python Proficiency: Utilize Python for data manipulation, analysis, and automation.
- Excel Expertise: Leverage advanced Excel functions for data cleaning, analysis, and visualization.
- Power BI and Tableau Mastery: Create interactive and insightful dashboards and reports.
- Integrated Projects: Apply skills in real-world scenarios to develop comprehensive data analysis solutions.

Data Analyst

(Mazen Analysts lab)

📅 January 2025 – June 2025

📍 Egypt, remotely

- Statistics: Basics: Mean, Median, Variance, Data Distributions, Basic Graphs Inferential Statistics, Hypothesis Testing, A/B Testing, Conditional Correlation
- Excel: Excel basics, simple and advanced formulas, data cleaning using Power Query, data analysis using Pivot Tables and Power Pivot, data visualization, reports, and dashboarding
- Power BI: Introduction to Power BI, basic concepts, Measures, calculated Columns, and DAX, creating reports, analytical dashboards, advanced charts, and connecting Power BI to databases
- Tableau: Introduction to Tableau, Creating reports, analytical dashboards and advanced charts.
- Introduction to Databases and SQL: Basic concepts and operations (CRUD - Create - Read - Update - Delete), complex queries (Joins (Inner, Left, Right, Full)), subqueries, and stored procedures
- Python for Data Analysis: Introduction to programming using Python (variables – types – operations - data structures - if statements – loops - functions), Creating, using basic functions, libraries (Pandas – NumPy – Matplotlib - Seaborn), charts, web scraping, and regression models.

Deputy Branch Manager of Sales Department and Data analysis

(Ghataty)

📅 October 2019 – November 2023

📍 Egypt, full-time

- Prepared weekly, monthly, and annual sales reports that improved decision-making and reduced reporting time.
- *Implemented new sales strategies that increased branch revenue.*
- led a team of 2 sales representatives, achieving growth in customer base within 2 years.

Education

- Helwan University | Computer Science and Artificial Intelligence
- Total GPA: 2.81 (very good)

📅 2019 - 2023

📍 Egypt, Cairo, Helwan

Skills & languages

Hard Skills:

- Microsoft Excel (VLOOKUP, Pivot Tables, Charts, Power Query)
- My SQL, SQL Server (for data querying and manipulation)
- Python (Pandas, NumPy, Seaborn, Matplotlib)
- Power Bi (Build Visuals, Filters, Slicers, Tooltips)








Soft Skills:

Problem-solving | Communication | Teamwork | Adaptability | Critical thinking

Languages:

Arabic (Native speaker) | English (B1)

Certifications

- Computer Science and Artificial Intelligence | Helwan University  2019 - 2023
- Advanced Excel (Udemy).  26 June- 2025
- Excel for data analysis (data camp).  29 July- 2025
- Tableau for data analysis (data camp).  14 Aug- 2025
- professional Data Analysis (Digital Egypt Youth (DEY)- Creativa Innovation Hubs, National Telecommunication Institute NTI).  Sept- 2025
- Power Bi for data analysis (data camp).  Sept- 2025
- professional Data Analysis (Analyst lab).  Sept- 2025

Projects

- Sales Performance Dashboard (Excel & power query) <https://github.com/Ahmed-Mahmoud6549/Excel-project1>
Automated Excel Reports with Power Query, Pivot Tables and visualization
- Masio Company Dashboard (Excel & power query) <https://github.com/Ahmed-Mahmoud6549/Excel-project2>
Automated Excel Reports with Power Query, Pivot Tables and visualization
- Marketing Dashboard (Excel & power query & Tableau) <https://github.com/Ahmed-Mahmoud6549/Excel-tableau-project>
Collected and cleaned data, Automated Excel reports with Power Query, Pivot Tables, and built Tableau dashboard
- Sales Performance Dashboard (power query & Power Bi & Dax) <https://github.com/Ahmed-Mahmoud6549/power-Bi-and-dax-project>
Collected and cleaned data with Power query and built Power Bi dashboards. Built an interactive sales dashboard to track KPIs (Revenue, profit). Automated data refresh and applied DAX for advanced metrics.