

Mohamed Gamal Ismail

Data Analyst | Aspiring Data Scientist

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Objective

Skilled in SQL, Excel, and data visualization tools (Power BI). Currently pursuing a Bachelor's degree in Computer and Information Science at Menoufia University, with a proven track record of applying statistical techniques and machine learning concepts through hands-on projects and structured training. Adept at cleaning, analyzing, and interpreting complex datasets to drive actionable insights and support data-driven decision-making. Seeking to leverage technical and analytical skills to contribute effectively in a collaborative, fast-paced environment.

Technical Skills

Programming Languages: [Python (NumPy, Pandas, Matplotlib, Seaborn, Plotly, Dash, Scikit-learn) | C++ | SQL]

Databases: [SQL | NoSQL (MongoDB) | Oracle | Microsoft SQL Server]

Data Analysis & Visualization: [Data Cleaning | Data Engineering | Data Wrangling | Data Visualization | Statistical Analysis | Exploratory Data Analysis (EDA) | Excel (Formulas, Pivot Tables, Dashboards)]

Machine Learning: [Supervised & Unsupervised Learning | Regression & Classification | Model Evaluation | Feature Engineering | Data Preprocessing]

Tools & Platforms: [Power BI | Jupyter Notebook | Google Colab | SSMS | VS Code | Microsoft Office Suite (Excel, Word, PowerPoint, Project)]

Development Concepts: [Object-Oriented Programming (OOP) | APIs | Data Structures & Algorithms]

Soft Skills: [Communication | Collaborative Project Management | Team Leadership | Analytical Thinking | Critical Thinking | Decision Making | Time Management | Presentation Skills | Research Skills | Adaptability]

Experience

Belayim Petroleum Company (PETROBEL) Trainee

Aug 2024 – Sep 2024

- Received training in Database Management (Microsoft SQL Server, Oracle), SAP, and Network Support.
- Acquired a solid understanding of data center technologies and IT service workflows through hands-on training.

AGIBA Petroleum Company (AGIBA) Trainee

Jul 2024 – Aug 2024

- Studied Database Systems (Oracle), Active Directory, and IT Help Desk operations.
- Acquired practical insights into networking and ICT infrastructure management

Gulf of Suez Petroleum Company (GUPCO) Trainee

Jun 2024 – Jul 2024

- Gained foundational knowledge in Database Management (SQL), Network Design, and Network Security.
- Familiarized with key Data Center components such as routers, switches, and firewalls.

Education

Bachelor's Degree, Computer and Information - **Menoufia University**

Oct 2022 – May 2026

Projects

Super Store Sales Analysis

([Super Store Analysis - Mohamed Gamal](#))

Tools: Microsoft Excel (Advanced), Pivot Tables, Charts, Formulas, Dashboard Creation, Data Visualization

Created an interactive Excel dashboard for analyzing superstore sales by category, region, and shipping method. Applied advanced Excel tools to uncover key insights—improving decision-making, optimizing shipping costs, and identifying 15% regional growth opportunities.

Sales Analysis Dashboard

([Sales Analysis Dashboard - Mohamed Gamal](#))

Tools: Microsoft Excel (Advanced), Pivot Tables & Charts, Dashboard Creation, Data Cleaning, Conditional Formatting

Implemented an interactive Excel dashboard to monitor key sales metrics and trends by month, product, and customer segment. Automated reporting, improved visibility into performance, and identified a 25% growth opportunity and 50% higher lifetime value among premium customers.

Startup Expansion Dashboard

([Startup Expansion Dashboard - Mohamed Gamal](#))

Tools: Power BI, Python (Pandas, Matplotlib), Data Visualization, Business Intelligence, Statistical Analysis

Designed an interactive Power BI dashboard integrated with Python to track profit, revenue, and marketing spend across U.S. regions. Delivered insights that increased marketing efficiency by 60%, optimized resource allocation and identified Texas as the next high-growth expansion market.

Adidas US Sales Analysis

([Adidas US Sales Analysis - Mohamed Gamal](#))

Tools: Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly, Dash), Data Cleaning, Statistical Analysis

Developed an interactive Python dashboard to analyze Adidas U.S. sales trends, product performance, and regional market share. Identified a 45% Q4 sales increase, 40% higher margins on premium products, and 20% growth potential in the women's segment.

Certificates

Python Programming Basics — ITI (Mahara-Tech)

Sep 2022

Developed a strong understanding of Python syntax, data types, loops, and functions, and applied programming concepts to real-world examples.

[Certificate of Completion](#)

Excel — Edraak

Sep 2022

Completed Excel training covering data cleaning, formulas, pivot tables, and dashboard creation for data analysis and visualization.

[Certificate of Completion](#)

Power BI — Qafza

Mar 2025

Learned how to connect, transform, and visualize data using Power BI and built interactive dashboards for analytical insights.

[Certificate of Completion](#)

Development Skills — ALX

Oct 2024

Gained essential professional and leadership skills, including communication, teamwork, problem-solving, and project collaboration.

[Certificate of Completion](#)

Introduction to Network — Edraak

Sep 2022

Studied networking fundamentals such as IP addressing, routing, switching, and network security concepts.

[Certificate of Completion](#)

Google Digital Marketing — Google (Banque Misr)

Dec 2023

Learned the fundamentals of digital marketing, including SEO, SEM, content strategy, and analytics for online business growth.

[Certificate of Completion](#)

Languages

Arabic – (Native)

English – (Fluent)