

Ziad Nasser Amin Ismail

Data Analyst

Cairo, Egypt

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Career Objective

Motivated and detail-oriented Computer Science & Artificial Intelligence graduate with a solid foundation in data analysis. Proficient in Excel and SQL. Eager to apply analytical skills to derive actionable insights and support data-driven decision-making. Seeking an entry-level Data Analyst job to gain real business experience.

Education

Bachelor's degree in Computer Science | Cairo University

Oct 2020 – Feb 2025

- Decision Support and Operations Research Department
 - GPA: 2.46
 - Graduation Project: Non-Alcoholic Fatty Liver Disease | [\(GitHub\)](#)
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Professional Training

Power BI Development Intensive Code Camp | Information Technology Institute (ITI)

July 2025 – Present

- Intensive training focused on Business Intelligence, Databases, Power BI, Excel and data modeling.
 - Learning advanced dashboard creation, interactive reports, and data analytics methodologies using real-world business scenarios.
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Courses

• **IBM Data Analyst Professional Certificate** | Coursera | 151 hrs | [Certificate](#)

Jun 2023 – Aug 2023

Course Details:

- Introduction to Data Analytics | 10 hrs
- Excel Basics for Data Analysis | 11 hrs
- Data Visualization and Dashboards with Excel and Cognos | 15 hrs
- Python for Data Science, AI & Development | 25 hrs
- Python Project for Data Science | 8 hrs
- Databases and SQL for Data Science with Python | 20 hrs
- Data Analysis with Python | 15 hrs
- Data Visualization with Python | 20 hrs
- IBM Data Analyst Capstone Project | 27 hrs

• **Data Analysis Foundations** | Egypt FWD | 8 Weeks | [Certificate](#)

Jul 2022 – Aug 2022

Projects

Car Sales Project | [\(GitHub\)](#) | Excel (Power Query, Power Pivot, DAX), Python

July 2025

- Analyzed a dataset of 157 car models across 30 manufacturers to derive business insights.
- Cleaned and preprocessed data using Python, handling missing values with scikit-learn machine learning models.
- Transformed and visualized data in Excel using Power Query, Power Pivot, and DAX.
- Created interactive dashboards to showcase key metrics.

Multi-Channel Queue Simulation System for a Petrol Station | [\(GitHub\)](#) | C++, OOP, Python

Dec 2024

- Developed a discrete-event simulation system based on OOP principles for a multi-channel queue at a petrol station, analyzing customer behavior and service efficiency.
- Developed an experimental design to evaluate queue dynamics, service times, and waiting times across different fuel types.
- Performed results analysis using statistical graphs to determine queue lengths, waiting probabilities, and pump idle times.
- Built comprehensive documentation, detailing problem formulation, system components, experimental parameters, results analysis, and conclusions.

- Designed a conceptual and physical Entity-Relationship Diagram (ERD).
 - Developed a SQL Server database from the ERD and populated it with sample data.
 - Built a C# desktop application to interact with the database.
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Skills

Technical: Excel (Power Pivot, Power Query, DAX), SQL, Python, C++, OOP

Soft: Collaboration, Team Work, Leadership

Languages: Arabic (Native), English (Professional working Proficiency)

Personal Information

- Military Service: Exempted.
- Marital Status: Single.
- Data of Birth: 12/12/2001.