# Ziad Nasser Amin Ismail
Entry Level 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.

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## 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

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## 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.

**Bank System Database Management Project** | [(GitHub)](GitHub) |SQL, C#                    May 2024

- 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)

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## Personal Information

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