Ziad Nasser Amin Ismail

Data Analyst
Cairo, Egypt
+20-1288499482 | zyad.nasser.10@gmail.com | LinkedIn
GitHub | Portfolio | novypro

Profile

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

Education

Bachelor's degree in Computer Science | Cairo University   Oct 2020 – Jan 2025
- Department: Decision Support and Operations Research
- GPA: 2.46
- Graduation Project: Non-Alcoholic Fatty Liver Disease | Grade: Excellent | [(GitHub)](GitHub)

Internships

Power BI Development | 4-Month Program Intensive Code Camp (ICC) | 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.

Projects

- **Hotel Reservation Performance Dashboard |** [(GitHub)](GitHub) **|** Power BI (Power Query, DAX)   Oct 2025
  - Analyzed a dataset of 119,390 hotel bookings to uncover insights on booking patterns, cancellations, and guest behavior. Cleaned data by correcting errors, and handling missing values. converted the main table into a star schema, and developed interactive dashboards to visualize performance and key trends.

- **Car Sales Project** | [(GitHub)](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 data using Python, handling missing values with scikit-learn machine learning models, visualized data in Excel using Power Query, Power Pivot, and DAX to create interactive dashboards showcasing key metrics.

- **Multi Queue Simulation System for a Petrol Station** | [(GitHub)](GitHub) | C++, OOP, Python   Dec 2024
  - Developed a discrete-event simulation system using OOP principles to model a multi-channel petrol station queue. Conducted experimental design and statistical analysis with visualizations to evaluate service times, queue lengths, waiting probabilities, and pump idle rates.

- **Bank System Database Management Project** | [(GitHub)](GitHub) | SQL, C#   May 2024
  - Designed conceptual and physical Entity-Relationship Diagrams (ERDs), developed a SQL Server database populated with sample data and built a C# desktop application to interact with the database efficiently.

Courses

- **Data Analyst in Power BI** | Data Camp | 50 hrs | [Certificate](#)   Sep 2025
  - Learned how to clean, model, and visualize data to create interactive dashboards and reports, gaining hands-on experience with DAX and Power Query (M language) for calculations and data transformation, extract actionable insights and support business decisions through data-driven analysis.
- **IBM Data Analyst Professional Certificate** | Coursera | 151 hrs. | [Certificate](#)   Jun 2023 – Aug 2023
  - Gained practical experience with Excel, SQL, Python, and Jupyter Notebooks, conducted exploratory data analysis (EDA) to identify patterns and insights, and designed interactive dashboards for reporting and decision-making.
- **Data Analysis Foundations** | Egypt FWD | 8 Weeks | [Certificate](#)   Jul 2022 – Aug 2022
  - Learned core concepts of data analysis, statistics, and visualization techniques.
  - Gained hands-on experience using Excel and Python to analyze real-world datasets.

Skills

- Technical: Excel, Power BI, SQL, Python, C++, OOP.
- Interpersonal: Collaboration, Team Work, Leadership.

Languages

Arabic: Native.
English: Professional working Proficiency.

Additional Information

- Military Service: Exempted.