

# Ashraf Aboalyazid

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## CAREER OBJECTIVE:

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Motivated and detail-oriented Data Analyst with a strong foundation in SQL, Python, Excel, and Power BI, combined with hands-on experience in delivering data-driven insights and building interactive dashboards. Passionate about teaching coding and analytical thinking through real-world applications and project-based learning. Eager to leverage technical expertise and instructional skills to contribute to data-centric environments, empower learners, and drive meaningful decision-making through clean, structured, and visualized data.

## PROFESSIONAL EXPERIENCE:

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ischool, Cairo.

(Dec 2024–Present)

### AI & Programming Instructor.

- Deliver structured and interactive lessons in AI, machine learning, Python, and Block Coding using platforms like PictoBlox and mBlock for students aged 10 to 13, simplifying complex concepts through engaging, age-appropriate content.
- Train and mentor over 340 students across various levels through more than 165 hours of instruction, focusing on hands-on learning and coding fundamentals.
- Lead practical projects-such as a facial recognition application-that enhanced students' understanding of AI fundamentals, resulting in a 30% improvement in comprehension.
- Conduct gamified coding workshops that bridge theory with practice, increasing student project completion rates by 20% and creating a dynamic learning environment tailored to student feedback and progress.

## PROFESSIONAL INTERNSHIPS:

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ALX Africa, Egypt.

(Jul 2024–Mar 2025)

### Data Analyst Intern.

- Executed complex SQL queries to uncover data patterns, support business forecasting, and generate insights that contributed to strategic decision-making processes.
- Designed and developed interactive Power BI dashboards and dynamic Excel reports, significantly improving data accessibility and enhancing communication with both technical and non-technical stakeholders.
- Applied data storytelling techniques to transform large and complex datasets into clear, compelling narratives that drove action and informed business strategy.
- Collaborated with cross-functional teams to ensure accurate data interpretation, fostering a data-driven culture across various departments.
- Completed an intensive training program combining technical analytics and career development, gaining hands-on experience in SQL, Power BI, Excel, problem-solving, and project management.

Digital Egypt Pioneers Initiative, Egypt.

(Jun 2024–Aug 2024)

### Data Analyst Specialist Intern.

- Analyzed large datasets using Python, SQL, and Excel to identify inefficiencies and propose performance improvements.
- Developed automated dashboards and reports with Power BI and Excel to streamline data tracking and reduce manual work.
- Gained practical experience in data cleaning, exploratory data analysis (EDA), and presenting insights from real-world datasets using SQL, Excel, and Power BI.

## **PROJECTS:**

### **Super Store Sales Analysis.**

- **Description:** Led data analysis on a Super Store sales dataset, focusing on customer behavior, sales performance, and regional trends. Extracted insights using SQL and visualized data with Power BI to support strategic decisions and optimize sales forecasting.
- **Methodologies & Tools:** SQL – Power BI – Data Cleaning – Data Visualization – Reporting

### **Customer Churn Dashboard.**

- **Description:** Developed a comprehensive churn analysis dashboard for the virtual company "Databel." Identified factors impacting customer retention by analyzing demographics, subscription behaviors, and revenue trends.
- **Methodologies & Tools:** Excel – Data Analysis – Dashboard Design – Statistical Analysis – Customer Segmentation

### **Bike Sales Dashboard.**

- **Description:** Designed an interactive Excel dashboard to analyze sales trends based on demographics and commuting distance. Delivered insights that informed customer segmentation and improved marketing strategy.
- **Methodologies & Tools:** Excel – Power Query – Data Visualization – Dashboard Development

## **EDUCATION:**

**Kafr El-Sheikh University, Kafr El Sheikh.**

**(Sep 2020-Jun 2024)**

- Bachelor of Science in Computer and Information Technology

## **PROFESSIONAL DEVELOPMENT:**

- **Data Analysis and Reporting Course, Alaa Essam Academy.**

**(In Progress)**

## **VOLUNTEERING EXPERIENCE:**

**YLY (Ministry of Youth and Sports), Kafr El Sheikh, Social Media Manager.**

**(Jul 2022–Jun 2024)**

**Life Makers Foundation, Kafr El Sheikh, Volunteer.**

**(Mar 2022–Oct 2023)**

## **SKILLS:**

### **Language skills:**

- **Arabic:** Mother Tongue
- **English:** Very Good

### **Technical skills:**

- Proficient user of **Microsoft Office** (Word- Excel- PowerPoint).
- **Power BI**
- **Programming & Databases:** SQL (Joins, Subqueries, Aggregates), MySQL, Python (Pandas, Matplotlib), Microsoft SQL Server
- **Block-Based Programming & EdTech Platforms:** Scratch, PictoBlox, mBlock, Block Coding

### **Transferable skills:**

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|------------------------------|-------------------|-----------------------|------------------------|
| • Project Management         | • Problem Solving | • Attention to Detail | • Predictive Analytics |
| • Curriculum Development     | • Teamwork        | • Time Management     | • Creative Thinking    |
| • Assessment & Evaluation    | • Public Speaking | • eLearning Delivery  | • Communication Skills |
| • Data Cleaning & Validation | • Data Mining     | • Student Engagement  | • Statistical Analysis |

## **PERSONAL INFORMATION:**

- **Date of Birth:** 1 January 2002

- **Military Status:** Exempted