Omar Reda Kamel

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Career Objective

Motivated Data-analysis student at Alexandria University and Faculty of Computer and Data Science with hands-on experience in Python, SQL, and data visualization through academic projects. Strong at problem solving, time management and teamwork. Seeking an entry-level Data Analyst role to grow skills and contribute to data-driven insights and strategies.

Education

Faculty of Computer and Data Science, Alexandria University   **(Sep 2024 - Present)**
Grade: 3.78

Courses & Trainings

Digital Egypt Pioneers Initiative (DEPI)- Data Analytics Trainee   **(Jun 2025 – Present)**

Technical skills Track
• Excel for data analysis (dashboards, Power Query, DAX, VBA)   • SQL & PostgreSQL   • Python for data manipulation and visualization

Freelancing skills Track
• Personal branding, CV/portfolio development   • Proposal writing and client communication   • Career planning and client management

Projects

Grocery Store Analytics (R, Shiny, ggplot2, arules)
Developed an interactive dashboard for analyzing transactions using K-means clustering and market basket analysis. Delivered dynamic customer insights via responsive UI to support business decision-making.

University Course Registration System (Java)
Built a comprehensive registration system using sparse table and custom data structures. Features include student/course management and undo/redo functionality with efficient data handling.

Flight System Program (Java)
Developed a role-based flight reservation system simulating airline operations. Implemented Object-Oriented Programming concepts and file-based data handling for seamless user experience.

Coffee Shop Dashboard (Excel)
Developed a dynamic sales analytics dashboard using PivotTables, PivotCharts, and slicers. Connected slicers across multiple views for synchronized filtering and improved user interaction. Applied advanced formatting with custom styles and layout for clear, presentation-ready visuals.

Data Job Market Analysis (PostgreSQL, SQL, GitHub)
Queried job listings to reveal top-paying data analyst roles and high-demand skills, providing clear career insights.

Los angeles Crime analysis (Excel, PostgreSQL, GitHub)
Built an interactive Excel dashboard to visualize crime trends by location, time, and demographics.

Technical Skills	Soft Skills	Languages
C/C++	Time Management	**Arabic:** Native
Java	Problem Solving	**English:** Proficient
Python (Matplotlib, Seaborn)	Communication	
MySQL	Stakeholder Management	
Excel	Teamwork	
Microsoft Office	Analytical thinking	
Object-Oriented Programming (OOP)	Adaptability	
Data Structures	Presentation skills	

Extra-Curricular Activities

FCDS Alexandria ICPC Community – Trainee & Constructor   (Oct 2024 – Apr 2025)

Trained in C++, data structures, and algorithms using Codeforces and HackerRank platforms. Set problems and mentored Level 1 trainees while leading sessions and guiding peers through complex solutions, contributing to the development of competitive programming skills within the community**.**