# **Fady Adel Faltaows**

# **Databse Developer**

### **Profile**

Computer Science graduate with strong analytical skills and hands-on experience in SQL, database management, and data analysis. Proficient in programming languages such as Python and SQL, with a keen interest in expanding technical expertise in Oracle APEX and PL/SQL. Experienced in collaborating with crossfunctional teams to develop solutions that meet business needs. Completed industry-relevant courses, including **DataCamp**'s Data Analyst in Python and **Digital Egypt Pioneers Initiative (DEPI)**, and seeking to grow in Oracle development and database design.

### **Skills**

# **Programming Languages**

SQL, Python, PL/SQL (Basic), JavaScript (Basic), HTML/CSS

# **Data Analysis**

Data Cleaning, Data Visualization, Statistical Analysis, Reporting

## **Problem-Solving**

Strong analytical and troubleshooting abilities

# **Database Management**

SQL, Oracle APEX, Database Design, Data Modeling, Data Tuning

#### **Tools**

Excel, Power BI, Tableau, Google Looker Studio

# **Professional Experience**

# **Freelance Teaching Assistant**

- Assisted in explaining complex technical concepts, enhancing students' understanding of data science and programming.
- Guided students in completing assignments, projects, and preparing for exams.
- Developed strong communication and mentorship skills by engaging with diverse learners.

### **Data Analyst Intern**

Digital Egypt Pioneers Initiative

- Conducted data collection, analysis, and visualization for customer churn prediction using Python.
- Collaborated with a team to develop machine learning models and present actionable insights.
- Focused on practical applications of data science in business contexts.

# **Projects**

# BikeStores Sales Analysis 🖸

- Created **1 consolidated SQL view** combining customer, product, and store data.
- Generated 7 pivot tables and 7 charts to analyze revenue, customer distribution, and store performance.
- Identified top 10 customers by revenue and optimized sales strategies.

**Outcome:** Provided actionable insights into sales and customer behavior, improving decision-making.

### COVID-19 Data Analysis Project 🖸

- Analyzed **100+ countries** for death and infection rates, and vaccination progress.
- Developed 5 key SQL queries to track global COVID trends and vaccination efforts.

**Outcome**: Delivered insights on global COVID-19 trends, aiding public health strategies.

# Bike Buyers (Excel Project) ♂

- Cleaned dataset, reducing **30 to 26 rows** and categorizing age into **3 brackets**.
- Created 4 pivot tables and 3 visualizations to analyze demographics and purchase behavior.

**Outcome**: Uncovered key trends in bike purchasing, helping target specific customer groups.

# **Education**

**Bachelor's Degree in Computer Science and AI, MATROUH UNIVERSITY** 

2020 - 2024

**Grade**: Very Good

# **Courses**

**Data Analyst in Python Track,** *DataCamp* 

**Associate Data Analyst in SQL Track,** *DataCamp* 

Al Career Essentials, ALX Africa

**Data Analysis Certificate,** *Google (Coursera)* 

Al Code Camp, |T|

Forward Program, McKinsey

The Data Analysis Challenger Track, FWD (Udacity)