

Summary

Data Analyst with over two years of experience delivering actionable insights through data analysis, visualization, and automation. extensive proficiency in SQL, Python, and Excel, leveraging these tools to execute complex data analyses and create dynamic reporting solutions, with a track record of optimizing data processes and developing automated reporting systems to enhance decision-making. Passionate about driving data-driven strategies, collaborating with cross-functional teams, and delivering solutions aligned with business goals, eager to apply expertise in transformative initiatives.

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, Matplotlib, Scikit-Learn)
- Tableau
- Web Scraping
- Excel (VLookup, Conditional Formatting, Pivot Tables, Advanced Functions, Macros)
- Microsoft Power BI
- Analytical and Critical Thinking
- Excellent Communication

Work Experience

DATA ANALYST – Khamsat – Remote

September 2021 - Present

- Designed and delivered over 70 dashboards using Excel and Power BI, providing actionable insights for clients.
- Engineered automated reporting mechanisms utilizing Excel Pivot and VBA, decreasing processing time by 50%.
- Devised and automated Excel reporting frameworks, augmenting clients' decision-making efficacy by over 30%.

DATA ANALYST – Mostaq – Remote

September 2024 - Present

- Developed database and data model for a large-scale company and delivered actionable insights through Power BI Dashboard.

Projects

RETAIL ORGANIZATION HR DATABASE – Personal Project

September 2024

- Developed an HR database consisting of 9 tables **optimized** for performance using **SQL**.
- Created 13 business-oriented queries, improving the HR department's data retrieval efficiency by over 20%.

RENTAL APARTMENTS MARKET ANALYSIS – Personal Project

July 2024

- Analyzed 10,000 rows of rent market data using **Python** and **Excel**, achieving 96.4% model accuracy.
- Utilized insights and advanced **feature engineering** to identify the top 5 factors influencing rental prices, optimizing pricing strategies for clients.

AIRPORT WORKLOAD ANALYSIS – Client's Project

March 2022 – May 2023

- Utilized **Excel**, **statistics**, and **data visualization** to produce monthly reports about the airport workload, helping cut operational costs by 20%.
- **Systematized** the monthly report using **Excel**, reducing the report process time to 1 day instead of 7 days.

Education

BACHELOR OF MANAGEMENT INFORMATION SYSTEMS – Alexandria University – Egypt, Alexandria

2019 - 2022

Relevant coursework: data analysis, business intelligence, machine learning, statistical analysis, data mining

Certificates

- Advanced Data Analysis Nanodegree – Udacity
- Google Advanced Data Analysis Specialization - Coursera
- Stanford Machine Learning Specialization - Coursera