ZEYAD HAMDY
DATA ANALYST — BI DEVELOPER

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Open to Relocation and Travel

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Professional Summary

Data Analyst and BI Developer with over two years of experience in the data field, skilled in SQL, Python, Power BI, database design, and data visualization. I have a track record of success in government and petroleum industries, improving efficiency and decision-making. I am dedicated to implementing data-driven solutions and fostering strategic growth.

Experience

Power BI Instructor, Digital Egypt Pioneers Initiative, Egypt   March 2024 - Present

- led training sessions on Business Intelligence concepts using Power BI to 60 professionals across multiple sectors..
- Developed and implemented an engaging curriculum focused on data visualization and BI dashboard creation using Power BI and Tableau, enhancing operational data analysis techniques for cross-functional teams., and significantly enhancing participants' BI skills.
- Received commendable feedback for interactive teaching style and the ability to explain complex concepts in an accessible manner, leading to an improved learning experience.

BI Data Analyst, Spectrum for Information Systems, Egypt   September 2023 - Present

- Performed the design and deployment of strategic BI solutions for the Egyptian Drug Authority (EDA) and AWQAF project using SQL, SSIS, SSRS, and Power BI, achieving improvements in decision-making efficiency, cross-departmental data utilization, and operational transparency across 6 departments.
- Created map-based visualization Dashboards, which enhanced monitoring workflows by 30%, optimizing transaction and report management processes for the AWQAF project.
- Designed and delivered training workshops on BI tools and data management practices to over 40 professionals, significantly improving data literacy across the organization.

Product Analyst, Edge-Pro, Egypt   December 2022 – September 2023

- Created reports and interactive dashboards using map-based visualization to track key performance indicators (KPIs) for PETROBEL's infrastructure, enhancing strategic decision-making by providing deep insights into asset performance.
- Enhanced product development decision-making by designing real-time dashboards focusing on key performance metrics, leading to improvement in project delivery times.

Skills

Technical Proficiencies: SQL, Microsoft Power BI, DAX, MS Office (Excel, Access, Power point), Python, PL-SQL, SSIS, SSAS, SSRS, Tableau

Soft Skills: Effective Communication, Presentation Skills, Teamwork and Leadership

Data Analysis: Data Cleaning, Data Manipulation, Data Visualization, Data Storytelling

Data Management: Database Development, Data Warehousing, ETL Processes, Data Migration, Data Integration, Data Quality, Data Modeling

Education

Master Degree in Data Science, Cairo University, Egypt   September 2023 - Present

- Studies AI, data analysis, machine learning, and statistics using Python and SQL.

Data Science Diploma , ALX-Explore AI, Egypt   May 2023 – July 2024

Bachelor Degree in Business Information Technology, Canadian International College

- GPA: 3.5, Percentage: 85.12, Class rank: 5th

Projects

- **HR Insight Dashboard**
provide Target insights into the HR data of an organization. The dashboard leverages data visualization to assist HR professionals in making informed decisions by Visualizing detailed analysis of employee demographics and salary distributions to Identify trends in employee turnover and retention rates.

- **Bike Share Analysis**
Analyzed bike-share usage and trends to optimize service across 3 major cities over six months Overview analysis across Chicago, New York, and Washington targeting Insights and recommendations derived from the analysis to improve bike-share operations and user experience.

- **Spotify Music Analysis**
Designed and developed Spotify Music Analysis dashboard, showcasing interactive data visualizations of streaming trends and artist performance metrics in 2023, and provided strategic market insights derived from a detailed data analysis process. To offer strategic recommendations for artists and producers, suggesting optimal release times and potential collaborative opportunities to maximize streaming potential

Area of Knowledge

- **Advanced Analytics Tools:** Azure Data Factory, Azure SQL, Power Automate

- **Data Engineering:** Database Administration, Data Warehouse Optimization

- **Soft Skills:** Flexibility, Initiative and Self-Motivation, Willingness to Learn