

Rania Sakr

Data Analyst | Business Analyst

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EDUCATION

Data Science Program Alx Data Science Program C1	06/2023 – 08/2024
Bachelor of Computer Science and Engineering (GPA 3.3) Faculty of Electronics and Engineering, Menofia University	09/2019 – 07/2024

PROFESSIONAL EXPERIENCE

Data Analyst Impact Business Solution	10/2024 – present
<ul style="list-style-type: none">Partnered with stakeholders to define business goals and drive data-driven strategies.Collected, integrated, and transformed complex data from diverse sources for actionable insights.Cleaned and optimized data for accuracy, ensuring impactful analysis.Designed and delivered engaging Power BI dashboards, empowering leadership with real-time, data-backed decisions	

PROJECTS

Employee Attendance Behaviour Using Power BI Report Server	01/2025
<ul style="list-style-type: none">Developed a dashboard to analyze employee attendance behavior and workforce trends.Integrated SQL and Oracle data into a data warehouse (DWH) with automated daily refreshes.Published the dashboard to a report server, implemented Row-Level Security (RLS), and scheduled updates.	
AdventureWorks BI Solution Using SSIS, and Power BI	08/2024
<ul style="list-style-type: none">Designed and implemented a data warehouse schema using SQL Server Integration Services (SSIS), creating a star schema with Fact Sales, Products, and Orders tables, and automating ETL processes.Crafted a Power BI dashboard with dynamic calculations using DAX, delivering actionable insights and comprehensive data analysis	
Break Through Hire  Graduation project	09/2023 – 07/2024
<ul style="list-style-type: none">Scraped over 10,000 job posts using Selenium, applying NLP models to extract job titles and skills with 85% accuracy in CV matching.Engineered a Flask application to seamlessly integrate frontend and backend.Managed job seeker and recruiter information with SQL database, and presented insights using Looker Studio to highlight job market trends and skill requirements.	
Sales Performance  using power BI	
<ul style="list-style-type: none">Constructed a detailed sales dashboard utilizing a star schema for effective data modeling.Incorporated data transformations and time intelligence functions to improve insights and analysis of business performance.	
Zomato Data Analysis  using python	
<ul style="list-style-type: none">Executed EDA on the Zomato dataset using pandas, focusing on data integration and cleaning.Visualized data with Matplotlib and Seaborn, creating charts and plots to reveal key insights.	

SKILLS

Data Analysis Tools: Pandas, NumPy | Data Visualization: Matplotlib, Seaborn, Power BI |
Databases: SQL, Data Warehousing (SSIS) | Programming Languages: Python | Web Development: Flask |
Supervised Machine Learning | Data Scraping: Selenium