Khadija Elsenousy

Data Analyst

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📍 Cairo, Egypt

linkedin.com/in/khadija-elsenousy

🔗 my portfolio

GitHub

Education

Bachelor's Degree in Medical Informatics,   Sep 2019 – Jul 2023
Faculty of Computers and Artificial Intelligence, Beni_suef University

- Graduation project : A+

Professional Experience

Power BI developer, *Information Technology Institute (ITI)*   Nov 2024 – Mar 2025
- Successfully completed an intensive Power BI training program, covering SQL, Python, statistics, and data visualization.
- Developed hands-on expertise in data wrangling, exploratory data analysis (EDA), and business intelligence tools.
- Apply statistical methods to solve complex business problems and forecast trends.

Technical Skills

Data Cleaning
- Pandas
- NumPy
- DAX

Data Visualization
- Power BI
- Tableau
- Excel

Programming & Scripting
- SQL
- Python

Database Management
- PostgreSQL
- Microsoft SQL Server

Data Warehousing (DWH)
- ETL processes
- Star & Snowflake Schema
- Fact & Dimension Tables

Microsoft BI Stack
- SSIS (ETL Development)
- SSAS (Data Modeling & OLAP)
- SSRS (Report Development EX: Ad Hoc Reports)

Selected Projects

Bone Marrow transplantation, *Graduation Project* ⊡
- Developed ML and DL algorithms to predict BMT outcomes with 97.8% accuracy.
- Built an XGBoost model to predict BMT outcomes with 97.8% accuracy
- Utilized Lazypredict/AutoML, achieving 98% prediction accuracy.
- Collaborated with cross-functional teams to integrate ML solutions, ensuring high performance

Revenue analysis With Excel ⬀

- Analyzed large datasets to identify trends, patterns, and insights that support business objectives.
- Develop regular reports and dashboards using Excel and enhancing decision making by 25%.
- Document data processes and methodologies to ensure clarity and consistency

San Francisco Salaries EDA Project ⬀

Oct 2024 – Oct 2024

- Performed EDA on a dataset of 10,000+ salary records, uncovering 15% salary disparities across departments.
- Cleaned and preprocessed data, improving data quality and accuracy by 25% for analysis.
- Utilized Pandas, Matplotlib, and Seaborn to visualize salary distributions, identifying top 3 highest-paying job categories.
- Derived key insights to understand salary variations across departments and roles.

Certifications

SQL Associate from DataCamp ⬀

Courses

Google Data Analytics Professional Certificate ⬀

Associate Data Analyst in SQL track (DataCamp) ⬀

SQL Fundamentals track (DataCamp) ⬀

Data visualization & Dashboard Essentials From IBM ⬀

Introduction to Data Analytics ⬀

Associate Data Engineer in SQL (DataCamp) ⬀

Excel Essentials for Data Analytics ⬀

Python Data Fundamentals Track (DataCamp)

McKinsey forward program ⬀

Soft Skills

- Communication & Storytelling
- Attention to Detail
- Collaboration & Teamwork
- Time Management & Prioritization
- Adaptability & Continuous Learning

Languages

Arabic

- English