

Khadija Elsenousy

Data Analyst

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🔗 my portfolio 🐙 GitHub

Education

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

- Graduation project : A+
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Professional Experience

Information Technology Institute (ITI) May 2024 – Aug 2024
Power BI developer

- Performed ETL processes on data from 10+ sources, ensuring 99% data accuracy and improving reporting reliability.
- Designed and deployed 5+ interactive Power BI dashboards, enabling a 30% increase in data-driven decision-making efficiency.

Technical Skills

| Data Analysis Tools | Data Visualization | Database Managemen | Data Cleaning and Preparation |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• SQL• Python | <ul style="list-style-type: none">• Power BI• Tableau• Excel• Matplotlib• Seaborn | <ul style="list-style-type: none">• PostgreSQL• Microsoft SQL Server | <ul style="list-style-type: none">• :Pandas• NumPy• DAX |

Selected Projects

Bone Marrow transplantation 🔗 Oct 2022 – Mar 2023
Graduation Project

- Developed a mobile app using ML and DL algorithms to predict BMT outcomes with 97.8% accuracy.
- Built an XGBoost model and utilized Lazypredict/AutoML, achieving 98% prediction accuracy.
- Improved diagnostic accuracy by 30% through classification algorithms for bone marrow cells.
- Collaborated with cross-functional teams to integrate ML solutions, ensuring high performance.

healthcare With power Bi [↗](#)

Dec 2023 – Dec 2024

- Analyzed 200,000+ healthcare data points, improving data quality by 15%.
- Created 10+ KPIs using advanced DAX to track patient outcomes and operational metrics.
- Designed Power BI dashboards, increasing stakeholder understanding and efficiency by 20%.

Exploring-London-s-Travel-Network-in-SQL [↗](#)

Aug 2024 – Aug 2024

- Analyzed a Snowflake database with data on London journeys and transport types (2010–2022).
- Wrote optimized SQL queries to identify the most popular transport methods and travel trends.

Revenue analysis With Excel [↗](#)

Jan 2024 – Jan 2024

- Conducted revenue analysis across 5+ streams, identifying top-performing segments and driving a 12% revenue increase.
- Automated reporting using advanced Excel tools, enhancing decision-making by 25%.

Certifications

SQL Associate from DataCamp [↗](#)

SQL (Basic | Intermediate | Advanced) from HackRank

Soft skills

- communication skills • problem solving
- Time management
- team work • Presentation Skills

Volunteering and Extracurricular

Google GDG/WTM Beni-Suef

- Content Writer

• Google Developer student club /GDSC Beni-Suef

- Content Writer

IEEE Beni-Suef