

Mai Muhammad Ali Bakr

Junior Data Analyst

+201115381525 | Giza – Egypt | bakrmai33@gmail.com

<http://www.linkedin.com/in/mai-mohammed-251a9124b>

<https://github.com>

PROFILE

Detail-oriented and results-driven aspiring Data Analyst with strong foundational knowledge in data analyze and visualization. Certified by ITI and IBM as a data analyst and scientist. Proficient in SQL, Python, Excel, Power BI, and Tableau, with a keen ability to analyses data, generate actionable insights, and create impactful visualizations. Highly motivated to apply technical skills and analytical mindset to deliver data-driven solutions.

EDUCATION

- Bachelor's degree Of Business Information Systems BIS (Helwan University)
- Major: Business Gradation Year: (2024)
- Grade: GPA 3.3

EXPERIENCE

- **April 2025 –Present Freelance Data analyst, Remote | Self-employed**

Data Workflow Dashboard -Freelance project

- Used SQL, Power BI, Excel, to build a dynamic dashboard in Power BI using multiple Excel files provided by the client.
- Integrated additional data sources and ensured the dashboard is updated daily to track workflow and progress.
- Designed the report to allow easy expansion and future updates until full project completion.
- Communicated closely with the client to understand requirements, review files, and deliver changes in stages.

- **Nov 2024 – April 2025 Power BI Developer,4 Months, Intensive Code Camp**

Information Technology Institute (**ITI**)

- Acquired and honed advanced skills in database management, SQL, SSIS, SSAS, SSRS, data mining, and statistics.
- Gained proficiency in Power BI and Tableau for creating insightful dashboards and supporting data-driven decision-making processes.
- Utilized Python for data cleaning, processing, and predictive modeling.
- Explored cloud computing and big data platforms to handle and analyze large-scale datasets effectively.

CERTIFICATIONS

- 2025-PowerBI Data Analysis Track-ITI (Information Technology institute)
- 2024-Data Analysis: course online -*Data camp*
- 2024-Data Analysis: Skills for the Freelance Professional – *NTI*
- 2023-Trainee at Education for Employment Global (**EFE-Global**) provided by **IBM**.
- 2023-HTML & CSS and Database (**Mahara-Tech**)
- 2022-English Course online - Gateway
- 2022-**Computational Intelligence Course** – Spark institution
- 2022-**Learning From Data Course** – Spark institution
- 2022-Trainee at (**CIB BANK**).

PROJECTS

- **Adventure Works 2022 Analysis**

- Business Intelligence Dashboard Development
- Designed and developed interactive dashboards to analyze customer demographics, sales performance, and product profitability.
- Applied DAX functions to create advanced Calculations, including total sales, profit, and currency standardization.
- Utilized Power Query for data cleaning, transformation, and integration across multiple data sources
- Delivered actionable insights on key business metrics, supporting data-driven decision-making and strategic planning

- **Churn Analysis**

- Analyzed data from over 1,500 employees to identify that 30% had churned, leading to improved employee retention strategies.
- Processed data from over 10,000 transactions to identify patterns and improve data-driven decision making.
- Built interactive Power BI dashboard.

- **HR Analytics**

- Analyzed HR data of 1,500+ employees to identify key drivers of attrition.
- Increased customer satisfaction scores by 15 points.
- Achieved 95% customer retention rate.
- Created Tableau dashboard.

- **Sales Analysis Dashboard**

- Developed an interactive sales dashboard in Power BI analyzing sales data of 10,000+ transactions.
- Recognized for outstanding customer service with a 98% satisfaction rating

SKILLS

- **Data Analysis Tools:** Proficient in Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Power BI, Tableau, and Excel.
- **Database Management:** Knowledge of database design, querying, and optimization using SQL.
- **Data Wrangling:** Expertise in cleaning, transforming, and analyzing large datasets to deliver actionable insights.
- **Visualization:** Skilled in creating dynamic dashboards and visual reports to present data-driven insights.
- **Programming Skills:** Python scripting, web scraping.
- **Statistical Analysis:** Experience with hypothesis testing, regression, and predictive modeling.
- **Soft Skills:** Strong problem-solving abilities, attention to detail, teamwork, and effective communication.
- **Office Tools:** Advanced proficiency in Microsoft Excel (VLOOKUP, Pivot tables), Word, and PowerPoint.

LANGUAGES

Arabic – *Native*

English – *Proficient*