

AHMED GAMAL

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PROFESSIONAL SUMMARY

Aspiring **Data Analyst** specializing experience in **data visualization**, **data wrangling** and **statistical analysis**. Proficient in **SQL**, **python**, **Power BI** and **Excel**, practical experience in **ETL Processes**, automation, creating **insightful dashboard** and translating complex data into actionable business intelligence

TECHNICAL SKILLS

- **Programming & Databases:** SQL, Python (Pandas, NumPy), PHP, Laravel.
- **Data Analysis & Visualization:** Power BI, Excel, Matplotlib, Seaborn, Power Query, Data Modelling.
- **Methodologies:** ETL Processes, Statistical Analysis, Data Wrangling, Python Automation.
- **Soft Skills:** Problem Solving, Critical Thinking.

EXPERIENCE

Freelance Data Analyst | September 2024 -- present

- **Executed** 7+ data analysis projects across various industries (retail, e-commerce, Exporter, movies productions, and restaurants, etc) using **Python**, **Excel**, **SQL**, and **Power BI**.
- **Improved** clients' operational efficiency by an average of **90%** through data-driven recommendations and project delivery.
- **Designed** and **built** numerous **interactive dashboards** in **Power BI** for diverse fields, including retail, export, and restaurant operations.

Laravel Developer | Theodor Bilharz Research Institute | October 2022 – July 2024

- **Optimized** and maintained **SQL databases** for the internal system, which successfully **reduced data retrieval time by 80%**.
- **Developed** and enhanced the institute's portal and internal system using **Laravel** (back-end) and **PHP** (server-side scripting)
- **Collaborated** with the analysis team to gather requirements and translate business needs into robust technical solutions.
- **Enhanced** the front-end user interface using HTML, Bootstrap, and responsive design, ensuring a seamless user experience

Data Analyst | Egyptian Army | June 2020 – July 2022

- **Created** 50+ data-driven reports for leadership, enabling informed strategic decisions that resulted in a **90% increase** in training effectiveness
- **Developed** and administered data analysis exams to evaluate and identify individual performance levels among officers and soldiers.
- **Provided** 20+ training programs in data analysis, directly contributing to an **80% increase** in performance evaluation scores for participants.
- **Gathered**, analyzed, and interpreted examination results to evaluate the efficacy of the training programs.

EDUCATION

Canadian International Collage

Egypt, Cairo

- Graduation Project Grade: Excellent
- Overall Rating: Very Good

PROJECTS

TMDP Movies Analysis

- Analyzed 4,000+ movie records to identify patterns in performance, revenue, and audience ratings (**python**: pandas, NumPy, matplotlib, seaborn)

Analysis of Tea Exporting Countries

- Conducted an analysis of global tea exporting performance to identify growth opportunities (**Power Bi: Power query, Data model**)

Coca Cola Product Analysis

- Conducted an analysis of the performance of Coca-Cola products in the United States during the year 2022. (**Power Bi: Power query**)

Customers Segmentation and Sales Analysis

- Conducted analysis of sales performance and customer behavior across demographics (**Power Bi: Power query, Data model**)

Fnp Gift Online Brand Analysis

- conducted an analysis of the operational and financial performance, emphasizing total orders, revenue generation, delivery efficiency, and critical performance drivers including occasion, product, and geographic sales trends.

(**Power Bi: Power query, Data model**)

Super Market Sales Analysis

- conducted a detailed analysis of supermarket sales performance for the first six months, based on KIPS. (**Power Bi: Power query, Data model**)

Pizza Sales Analysis

- Conducted analysis of pizza sales, customer trends, and product performance. (**SQL, Power Bi: Power query, Data model**)

Graduation Project Fesabuilder (Web System):

- Developed a web-based system using the **Laravel Framework** to automate feasibility studies for startups, providing decision-making support and presenting results as graphs and table

CERTIFICATIONS & ACHIEVEMENT

- **Certifications:** Data Analysis Bootcamp Certificate, Data Analysis 365 Skills Certificate, Data Analysis Certificate - Future Work is Digital (FWD) Program.
- **Award:** Best Graduation Project at Canadian International College Award.
- **Speaking:** Speaker & Participant at ICNHBAS 2019 Conference, Hurghada, Egypt.