Bassant Samy El-Emam

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🔗 Portfolio

Profile

Aspiring BI Developer with strong skills in Power BI, SQL, SSIS, and Tableau. Experienced in Aspiring Business Intelligence Developer with strong practical skills in Power BI, SQL, and ETL tools, gained through an intensive training scholarship from (ITI) and hands-on BI projects. Experienced in designing data models and building interactive dashboards. A fast learner with keen attention to detail and strong communication skills in collaborative environments.

Internships

Power BI Development, 4-month Program, Intensive Code Camp (ICC), Intensive Training Program (ITP), Information Technology Institute (ITI), Ministry of Communication and Information Technology (MCIT), Zagazig Branch   **Mar 2025 – Jul 2025**

Education

Bachelor of chemistry- Faculty of Science - Helwan University   **May 2021**
Cumulative Grade: Very Good with Honors
Graduation Project: Petrochemicals - Excellent Grade
- A comprehensive study covering the classification, production methods, wastewater treatment processes, and industrial applications of petrochemicals, with a focus on key intermediates and safety aspects in chemical operations.

Work Experience

Medical Representative-Pharco Pharmaceutical Company   **Feb 2022 – Oct 2022**
- Collected and organized field data on physicians' responses and prescription patterns to support promotional strategy refinement.
- Collaborated with the sales team to track regional performance metrics and shared insights to enhance overall effectiveness.

Courses & Certifications

- **Associate Data Analyst Certification** – DataCamp   **Jul 2025**
- **Associate Data Analyst in SQL** – DataCamp   **Jul 2025**
- **Introduction to Software Testing** – Mahara Tech   **May 2025**
- **Freelancing Basics** – Mahara Tech .   **Mar 2025**
- **Computer Network Fundamentals** – Mahara Tech.   **Mar 2025**
- **Database Fundamentals** – Mahara Tech   **Dec 2024**

Projects

Online Examination System - Graduation Project (ITI - Power BI) 🔗

Built a full-stack Business Intelligence solution for managing online examinations, covering the entire data lifecycle from database design to visualization.
• Designed a relational database and developed the ERD with complete logical-to-physical mapping.
• Populated rule-based realistic sample data for students, exams, and graduation eligibility.
• Transformed OLTP data into a Data Warehouse using Star Schema modeling.
• Developed ETL pipelines using SSIS to load data into fact and dimension tables.
• Created SSRS reports for academic and operational exam insights.
• Built interactive dashboards in Power BI to monitor KPIs, student performance, and exam difficulty.
• Developed a basic web interface to simulate system interaction for students and admins.
Technologies: SQL Server, Power BI, SSRS, SSIS, T-SQL, Data Warehousing

Adventure Works BI Dashboard - Power BI Project 🔗
• Restored the Adventure Works Data Warehouse on SQL Server and connected it to Power BI.
• Cleaned and prepared data using Power Query, and created custom DAX measures.
• Designed a multi-page dashboard covering sales KPIs, customer demographics, and product-level insights.
Technologies: Power BI, Power Query, DAX

Netflix Data Analysis Dashboard - Power BI Project 🔗
• Developed an interactive Power BI dashboard to analyze and visualize Netflix's global content library.
• Performed data cleaning and transformation using Power Query, and built advanced DAX measures for insights.
• Designed a multi-page report showcasing content distribution, genre popularity, production by country, rating trends, and yearly growth.
Technologies: Power BI, Power Query, DAX, Excel

Technical Skills:

♦ **Business Intelligence & Visualization**: (Power BI, Tableau, SSRS, SSAS, SSIS)

⁘ **Programming & Scripting Languages**: (SQL, Python, DAX)

⁘ **Databases & Querying**: (SQL Server, MySQL, MongoDB (NoSQL))

⁘ **Data Processing & Modeling**: (ETL Processes, Data Modeling, Data Warehousing, Data Cleaning)

⁘ **Data Analysis & Reporting Tools:** Microsoft Excel (PivotTables, VLOOKUP, Charts, Conditional Formatting)

Interpersonal Skills:

- Display an ability to learn rapidly and adapt quickly to changing situations.
- Improve the effectiveness of communications and interactions with others.
- Proven ability to identify, analyze, and resolve issues efficiently.
- Effective communicator with the ability to understand diverse perspectives, articulate compelling arguments, and secure favorable outcome.
- Constantly strive to strengthen and refine professional effectiveness

Language Skills:

Arabic , Native   **English** , B2

Extracurricular Activities:

- Fundraising member in Engbreak   **Nov 2020**
- Participant in public speaking workshop in Engbreak   **Nov 2019**