

Marwa Samy

data analyst || Bi developer

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📊 DashBoards 🏆 Kaggle 📁 Practices Coding 🌐 Single

PROFILE

Highly motivated and detail-oriented junior data analyst with a strong foundation in data analysis and visualization. Seeking a challenging role to leverage my analytical skills and contribute to data-driven decision-making processes in an adynamic organization with strong knowledge (SSRS, SSAS, and SSIS).

EDUCATION

Bachelor in computers and information Technology

2019 – 2023

Zagazig University

Grade: **Excellent with Honor**

GPA: **3.7/4**

Percentage: **90%**

Graduation Project:

"Website for medical records with ML diagnosing digestive system diseases Model."

Graduation Project Grade: **Excellent (+A)**.

Student Activity:

Data Science Core team member at Google DSC

Graphic Designer at Bio CODE Society

PROFESSIONAL EXPERIENCE

Data Analysis Intern

09/2023 – 10/2023

TechnoHacks EduTech

- Collaborated with cross-functional teams to understand data requirements and provide insights to support decision-making processes Assisted in the development and implementation of data quality assurance processes, ensuring data integrity and accuracy.
- Project 1** (Road Accidents Dashboard) 📄 : Check missing data or duplicates and fix them then I take measures to calculate the difference between accidents and injuries in 2011 and accidents and injuries in 2012, the most types of vehicles, the difference in the degree of injury, the difference in weather conditions, and the presence of roads and intersections.
- Project 2** (Titanic_Survivors) 📄 : in this task, I removed missing values in the Age & Cabin Columns found an outlier in the Fare Column, and dropped it then Calculate summary statistics (mean, median, mode, standard deviation) for a dataset and made data visualization by matplotlib and Seaborn libraries.
- Project 3** (Udemy Courses Website DashBoard) 📄 : build an interactive dashboard to show num of courses and Num Subscribers' Top 5 Courses, Top 5 Reviews Courses, and num courses over the years.

Data Analysis Intern

09/2023 – 10/2023

MeriSKILL Company

- Conducted exploratory data analysis to identify trends, patterns, and outliers using statistical techniques and used Python to perform data manipulation, transformation, and statistical modeling and created visually appealing and informative dashboards and reports using Tableau and PowerBI.
- Project 1** (Sales Data Analysis) 📄 : Analyzed customer purchasing patterns to identify key demographics and preferences, resulting in targeted marketing strategies and increased sales
- Project 2** (HR Analytics) 📄 : Delving into the world of human resources, with a keen eye on data analysis to optimize talent management and organizational performance in creating interactive and visually appealing dashboards to present HR employee attrition data in a user-friendly manner using Tableau.

Data Analyst Track

08/2022 – 12/2022

Institute of Information Technology (ITI)

We work on data governance, data security, and data privacy.

- Write SQL Script for managing relational databases.
- Understand concepts like tables, queries, joins, and transactions.

- Make ERD diagrams and database normalization.

Project [↗](#) : Extracting data using MS SQL server from AdventureWorksDW and then load data on PowerBI to make data modeling and data processing to make **three dashboards** [↗](#) (Sales, Product, Customers)

Data Analyst intern

09/2022 – 10/2022

The Sparks Foundation

- Gain initial insights and identify patterns, trends, and anomalies.
- Present the findings and recommendations to stakeholders

Project 1(ExploreSampleSuperstore analysis) [↗](#) : SampleSuperstore can increase sales and profitability in the furniture category, improve profits from office supplies through better recommendations, optimize prices to generate more profits, leverage discounts strategically, and focus on increasing profits in specific states. These actions will help drive business growth enhance overall performance and Use the powerBI dashboard to view insights and Trends.

Project 2 (Covid-19_weekly_Rates) [↗](#) :involved conducting various statistical analyses to derive meaningful insights from the data. This included calculating weekly incidence rates, mortality rates, case fatality rates, and other relevant indicators. These analyses helped to understand the progression and impact of the COVID-19 pandemic on a weekly basis

PROJECTS

EDA-FOR-IMDB-MOVIES [↗](#)

Ecommerce Purchases analysis [↗](#)

Adult Income Explorer [↗](#)

Explore SanFrancisco_EmployeeSalary analysis [↗](#)

Google-Play-Store-Apps-Discovery [↗](#)

Discovery-Udemy-Courses-Dataset [↗](#)

Social Media Ads Dashboard [↗](#)

SuperStore Explorer Dasboard [↗](#)

SKILLS

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|---|---|
| • Database (SQL, MS SQL Server) | • Data Visualization (Power BI, Tableau) |
| • MS Office (Excel, PowerPoint, Word) | • Statistics & Probability, Data Modeling |
| • Data Mining, Data warehouse, Big Data | • Microsoft BI Stack (SSRS, SSAS, SSIS) |
| • Python,Html,CSS,Javascript,C#,C++,Java | • Data Analysis(DAX, Power Query,Pivot Table) |
| • Critical Thinking, Time Management, Fast Learning | • Presentation Skills, Communication Skills, Attention to detail, Problem-solving, and Self-motivation. |

CERTIFICATES

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|--|---|--|
| • Google Data Analytics ↗ | • Data Analyst with Python from DataCamp ↗ | • SQL Basics from LearnSQL.com ↗ |
| • Data analyst GRIP from The Sparks Foundation ↗ | • Data Visualization in Power BI from DataCamp ↗ | • Analysis in Excel From DataCamp ↗ |
| • Database Design from DataCamp ↗ | • Exploring and Analyzing Data in Python ↗ | • Introduction to SQL Server ↗ |
| • Intermediate SQL Queries ↗ | • ITI Data Analytics & Visualization Specialist ↗ | • Database Fundamentals From Mahara-Tech ↗ |

LANGUAGES

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| • Arabic | • English |
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