

# Mahmoud Emad Abdallah

## Data Analyst

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### SUMMARY

Highly educated, innovative, and motivated data analysis professional with a wealth of knowledge. Strong creative and analytical skills. Experienced in using tools such as Python, Microsoft Excel, SQL, and Power BI to obtain insights from data.

### SKILLS

POWER BI | SQL | EXCEL | Python

Strong Analytical | Problem-Solving | Collaborating

Self-Organized | Self-Motivated | Attention to details

### PROFESSIONAL EXPERIENCE

#### Data Science Intern @CodSoft

08/2024 - 09/2024

- Completed hands-on projects focused on data analysis, machine learning, and visualization, delivering insights and solutions based on real-world datasets.
- Enhanced proficiency in Python, data manipulation, and statistical modeling, utilizing tools like Pandas, Matplotlib, and Scikit-learn to build and evaluate models.

#### Digital Egypt Pioneers Initiative - DEPI

06/2024 - 10/2024

##### Data Analyst Specialist Intern

- Analyze catalog data to identify trends, inconsistencies, and opportunities for improvement.
- Transformed and analyzed massive datasets using Excel Power Query and Pivot ensuring data accuracy and insights.
- Querying databases using SQL to extract and analyze data for actionable insights.
- Develop and maintain advanced dashboards to effectively communicate sales performance metrics.
- Monitor key performance indicators (KPIs) to evaluate the success and impact of sales strategies and initiatives.

### CERTIFICATES

IBM Data Analyst Specialist: 

Meta Data Analyst: 

Golden SQL Badge on HackerRank 






### PROJECTS

#### DEPI Graduation Project - SuperStore Analysis

10/2024

develop an interactive dashboard that provides comprehensive insights into sales performance, shipping efficiency, and customer behavior. Aims to support strategic decision-making by identifying trends, areas for improvement, and growth opportunities across different product categories, regions, and customer segments.

**Tools :** PowerBI | PowerQuery | DAX

<b>Call Center Dashboard 2020</b> 	09/2024
Applied advanced analytics to extract critical business insights, transforming complex data into actionable strategies that informed decision-making and drove measurable outcomes.	
<i>Tools : PowerBI / PowerQuery / DAX</i>	
<b>HR Analytics Dashboard at Atlas Labs.</b> 	08/2024
Developed a comprehensive HR Analytics Dashboard for Atlas Labs, enabling real-time workforce insights, performance and satisfaction metrics, and strategic attrition analysis to support talent retention.	
<i>Tools : PowerQuery / Data Modeling / DAX / PowerBI</i>	
<b>Analyzing Amazon Sales</b> 	07/2024
Developed a comprehensive sales dashboard to analyze Amazon's sales performance for the year 2022. The dashboard provides a detailed overview of key performance indicators and trends, empowering stakeholders with data-driven insights for strategic decision-making.	
<i>Tools : PowerBi / PowerQuery</i>	
<b>BikeStores SQL Analysis</b> 	08/2024
From analyzing revenue trends across different states to identifying the top-performing products and sales representatives, this project provided a comprehensive view of the bike store landscape.	
<i>Tools : MS SQL SERVER / PowerBi</i>	
<b>IBM Data Analyst Capstone Project</b> 	06/2024
Analyzed programming language and database trends using data from Stack Overflow and GitHub. Key insights included the rising demand for JavaScript, Python, and PostgreSQL, and the gender gap in IT. Developed a dashboard to present these findings.	
<i>Tools : Python(Pandas-Matplotlib-Folium-SQLlite), IBM Cognos Analytics.</i>	

## EDUCATION

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<b>Bachelor of Science in Computer Science</b> Tanta University	2021 - present
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## LANGUAGES

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<b>English</b> – Proficient	<b>Arabic</b> – Native/Bilingual
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