

# Basem Fady Magdy *Junior Data Analyst*

✉ basemfady@proton.me

☎ +201287134466

📍 Cairo, Egypt

🔗 <https://mr-basem.github.io/website/>

🌐 [linkedin.com/in/basem-fady-13966822b](https://www.linkedin.com/in/basem-fady-13966822b)

## Profile

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Driven and results-oriented Data Analyst with strong expertise in data analysis, visualization, and business intelligence. Proficient in SQL, Excel, Python, and Power BI, I specialize in creating data-driven solutions that empower organizations to make informed, strategic decisions.

Experienced in managing end-to-end data processes, including working with databases, data warehouses (DWH), and ETL processes (Extract, Transform, Load). I excel in transforming complex data into actionable insights and visualizations that support organizational growth.

Focused on continuous learning and applying innovative analytical techniques to uncover trends and optimize business performance.

## Education

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2022/10 – present      **Bachelor's Degree, Faculty of Computers and Information, Kafrelsheikh University**

Kafr El Shiekh, Egypt

**Digital Egypt Pioneers Initiative (DEPI)**  
Currently enrolled in the DEPI program specializing in Data Analysis, enhancing skills with Microsoft Power BI.

## Professional Experience

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2024/11 – present      **Digital Egypt Pioneers Initiative (DEPI) - Student**

- Specializing in Data Analysis, focusing on tools such as Power BI for data visualization and reporting.
- Gaining hands-on experience in analyzing datasets to extract actionable insights and support decision-making processes.

2023      **Google Developer Student Clubs (GDSC) - Data Analyst**

- Contributed to various data analysis projects, collaborating with peers to gather, clean, and analyze data.
- Developed insights through data visualization using tools like Power BI and Excel.
- Worked in teams to apply analytical techniques to real-world problems, enhancing problem-solving skills.

## Skills

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### Technical Skills

- Data Cleaning
- Data Visualization
- Create Dashboards (Power BI, Excel)
- Python
- SQL
- Machine Learning
- Marketing
- Probability and Statistics
- Microsoft Office (Excel, Word, PowerPoint)

### Soft Skills

- Problem-solving
- Teamwork
- Critical Thinking

## Organizations

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2024/02 – 2024/07	<b>Google Developer Student Clubs (GDSC)</b> <i>Member of GDSC, specializing in Data Analysis.</i> Contributed to data analysis projects, collaborated with team members to extract insights from data, and used tools like Power BI and Excel.
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## Projects

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### Olympic Games Data Analysis:

*Developed an interactive Power BI dashboard to analyze Olympic Games data spanning from 1896 to 2016.*

- Visualized total medals by country, top athletes by medals, and sports performance over time.
- Created charts to correlate height and weight of athletes, and analyzed trends by season (Summer vs. Winter Olympics).
- Utilized filters for sports, age, and sex to provide dynamic insights into athlete data.

### YouTube Analytics Dashboard:

*Designed and developed a comprehensive Power BI report analyzing YouTube metrics.*

- Tracked key metrics like total subscribers, likes, comments, and visits for the top 1000 YouTubers over multiple years (2005–2020).
- Analyzed subscriber growth by year, categorized visits by topics, and visualized geographic distribution of subscribers.
- Applied data visualizations such as line graphs, maps, and pie charts to highlight trends in YouTube content engagement across different regions.

## Courses

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2024/11	<b>AI Career Essentials</b> <i>Issued by: ALX</i> Program Completion: 8-week program in AI Augmented Professional Development Skills in the Digital Age
2024/06	<b>Introduction to Microsoft Excel</b> <i>Coursera</i> Verify Certificate <a href="#">↗</a>
2022/05	<b>Basics of Digital Marketing</b> <i>Google</i>

## Languages

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- Arabic
- English