

# Menna Mahmoud Eldemerdash

## Junior Data Analyst

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[Portfolio](#) [LinkedIN](#) [Github](#)

### SUMMARY

Junior Data Analyst with experience in creating interactive dashboards using **Power BI** and **Tableau** to monitor data quality and deliver actionable insights to stakeholders. Proficient in **SQL**, **Python**, **data modeling**, and **data warehousing**. Completed a **Business Intelligence Internship** at the **Information Technology Institute (ITI)**, gaining a solid foundation in Business Intelligence. Skilled in leveraging BI tools, including **Power BI**, **Tableau**, and **Excel**, to drive data-driven decision-making and improve business performance.

### Education

**Ain Shams University (ASU)**

**August 2019-July 2023**

B.Sc. degree in computers and information.

**Major:** Bioinformatics

**Minor:** Information System

**Grade:** Very Good (3.06/4).

**Graduation project:** Real Live Caption Application for Blind People. **Grade:** Excellent.

### Professional Experience

**Coding Instructor**

iSchool | Nov 2024 – Dec 2024

- Delivered coding lessons, teaching programming fundamentals and fostering technical problem-solving skills.

**Data Analysis Trainee**

Carerha Company (Funded by USAID/Egypt, implemented by DAI Global) | Aug 2024 – Feb 2025 (Present)

- Participated in a structured training program, focusing on data visualization, data modeling, and business insights using **Power BI**, **SQL**, and **Python**.

### **Data Analysis Intern**

CognoRise Infotech Company (Remote) | Aug 2024 – Oct 2024

- Conducted data analysis using **Power BI**, **Python**, and **Excel**, creating interactive dashboards and actionable insights.
- Collaborated remotely to improve data quality and streamline reporting processes.

### **Data Analysis Intern**

Uneeq Interns (Remote) | Aug 2024

- Completed Power BI tasks to develop dashboards and visualizations for business data, delivering insights to stakeholders.

### **Business Intelligence Trainee**

Information Technology Institute (ITI) | July 2023 – Aug 2023

- Gained foundational knowledge in **Business Intelligence**, including **ETL processes**, **data warehousing**, and data visualization tools such as **Power BI**.

### **Web Application Trainee**

Information Technology Institute (ITI) | July 2022 – Aug 2022

- Developed web applications using **HTML**, **CSS**, and **JavaScript**, focusing on front-end development best practices.

### **Machine Learning Basics Trainee**

Ain Shams University | July 2022 – Aug 2022

- Acquired basic skills in **Machine Learning**, including algorithm implementation and foundational techniques.

### **Multi-Omics Data Analysis Trainee**

57357 Hospital | Aug 2021 – Sept 2021

- Analyzed multi-omics datasets, leveraging statistical tools to draw insights into biological data.

### **R Programming Basics Trainee**

Ain Shams University | Aug 2021 – Sept 2021

- Learned **R programming**, focusing on statistical analysis and visualization for data-driven decision-making.

### **Web Design Intern**

Ain Shams University | Aug 2020 – Sept 2020

- Designed and developed websites using **HTML**, **CSS**, and basic **JavaScript**, emphasizing user experience and design aesthetics.

# Skills

## SOFT SKILLS:

- High Communication Skills.
- Problem Solving Skills.
- Technical Skills.
- Attention to details.
- Strong analytical skills.
- Time Management Skills

## TECHNICALL SKILLS:

### Data analysis skills:

Data Analytics. Data Visualization, Databases, Extract Transform Load (ETL), Data Warehouse (DWII), Business intelligence, Dax language, Pivot Tables to summarize data in Excel.

**BI tools:** Advanced SQL, Python, Microsoft Power BI, Tableau, Microsoft Excel and Microsoft PowerPoint.

**BI programs:** Microsoft SQL Server, SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS) and SQL Server Reporting Service (SSRS).

**Libraries and Frameworks:** Numpy, Pandas, Matplotlib, Seaborn and Scikit-learn

# Projects

## Power BI Dashboards

- E-Commerce Dashboard: Analyzed product performance, developed data models, and proposed strategies to increase revenue for stakeholders.
- PWC Call Center Dashboard: Designed a dashboard to analyze customer problems, providing insights to enhance workplace environments.
- Diversity Dashboard: Evaluated employee data and performance rates to drive actionable insights.
- Churn Analysis Dashboard: Assessed customer churn data, identifying strategies to minimize churn and boost company revenue.

- **Marketing Campaigns Dashboard:** Created a dashboard to target customer needs and increase product revenue.
- **Netflix Dashboard:** Analyzed movies and TV shows, delivering insights on popular content.
- **Uber Dashboard:** Conducted customer behavior analysis to identify peak ordering times and popular trends.
- **Super Store Dashboard:** Analyzed sales data to uncover customer behavior patterns and popular products.
- **HR Dashboard Analysis:** Provided actionable insights from HR data to improve workplace environments.

### SQL Projects

- **Northwind Database Dashboard:** Utilized SQL to analyze e-commerce data, focusing on product performance.
- **Pizza Sales Project:** Analyzed pizza sales data using SQL in SSIS, gaining insights into customer preferences and trends.

### Python Projects

- **Big Mart Analysis:** Conducted sales analysis using Python to derive insights for revenue improvement.
- **Real Live Caption (Graduation Project):** Developed a system using Python, Java, and deep learning techniques to assist visually impaired individuals in avoiding street obstacles.
- **Book Store Flask App:** Built a web application for book sales using Python, Flask, HTML, and CSS.

### Excel Projects

- **Unemployment in India Dashboard:** Analyzed unemployment data during COVID-19 (2019–2020) using Excel and Pivot Tables.

## Courses

- **Nov 2024:** Google advanced certificate intro to python .
- **August 2024:** Advanced SQL Topics Certificate by Meta .
- **August 2023:** Business Intelligence Intern on ITI
- **July 2023:** Database fundamentals course on MaharaTech
- **August 2022:** Overview on machine learning on Applai
- **September 2021:** Multi-omics Data Analysis in 57357
- **August 2021:** Intro to R language on solo learn

## Languages

Arabic: Mother Tongue

English: Very Good