

# Abdelkhalek Ashraf Shams

## Data Analyst

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🌐 Abdelkhalek Shams 📅 03/02/2001 🌐 Abdelkhalek Shams

### Profile

Data Analyst with a strong foundation in computer science and AI, skilled in extracting insights through advanced analysis and visualization. Known for problem-solving, effective communication, and delivering impactful, data-driven solutions while committed to continuous improvement.

### Education

#### Bachelor of Computer Science and Artificial Intelligence

2019 - 2023

Benha University - Egypt - GPA: ( 3.2 / 4 )

Graduation Project: Grade (A+) - Pneumonia Diagnosis System .

### Professional Experience

#### Safi Company (Egyptian Armed Forces)

2023 - 2024

Data Analyst

Nasr City, Egypt

- Analyzed and synthesized insights from internal and external data to inform critical business decisions.
- Designed interactive dashboards, streamlining decision-making for senior management.

### Skills

#### Data Analysis & Visualization

Power BI, Tableau, Looker, Excel (VLookup, Conditional Formatting, Pivot Tables), Power Query , Power Pivot

#### Programming & Data Science

Python (Pandas, NumPy, SciPy, Matplotlib)

#### Soft Skills

Analytical Thinking, Problem-Solving, Communication, Time Management, Adaptability, Team Collaboration

#### Database Management

SQL (SQL Server, MySQL, PostgreSQL)

#### Other Technologies

Algorithms, Data Structures, Object Oriented Programming (OOP), Statistics and Machine Learning Algorithms

## Languages

Arabic


Native

English


Upper Intermediate (B1)

## Certificates

Data Analysis and Business Intelligence

Diploma 

Institution: Tech Mind Academy

Data Analysis Using Excel 


Institution: Edraak platform

## Projects

Pneumonia Diagnosis System 


*Graduation Project | June 2023*

- Achieved 95% accuracy in pneumonia detection using deep learning models (Vanilla CNN, MobileNet).
- Designed an accessible web interface for healthcare professionals and patients.

Financial Analysis of Stores Operations 

*Finance Domain*

- Analyzed sales data using SQL and Power BI, improving revenue forecasting accuracy by 15%.
- Delivered insights that optimized store performance strategies.

Bank Loans Analysis and Reporting 

*Finance Domain*

- Processed 38,000+ loan records using SQL, ensuring data accuracy and actionable insights.
- Created a dynamic Power BI dashboard, reducing analysis time by 30%.

Platform Orders Sales Analysis 

*Sales Domain*

- Developed Power BI dashboards to monitor sales trends, leading to a 10% increase in efficiency.

## Volunteer Experience

Enactus | Egypt, ER MEMBER

2020 - 2022

- Secured sponsorships, generating significant funding for initiatives.
- Managed sponsor relationships and ensured alignment with project goals.