

# MOHAMED KAMAL

Data analyst

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## Work Experience

### Data analysis intern

April 2024 – to date

Company: Digital hub

Location: Egypt, New Cairo 1, Cairo Governorate

Key Responsibilities:

- Apply ETL processes to extract, transform, and load data for optimal database integration.
- Automate repetitive tasks and manual processes using Python and VBA, improving workflow efficiency.
- Gather and organize data from various sources, ensuring data quality and integrity.
- Support the development team with the migration of the data into database.

## Trainings:

### • Digital Egypt Pioneers Initiative – DEPI April 2024 – To date

Data Analytics - Microsoft Power BI Engineer - internship

### • Data analysis training Sep 2023 – Feb 2024



Institution: machinify academy

- Comprehensive coursework in statistical analysis, data visualization with various tools such as (Excel, Power BI, Python, Tableau and SQL)
- Completed a hands-on projects analyzing real-world datasets, demonstrating proficiency in data analysis techniques.

## Education:

### • Bachelors' degree of industrial engineering - Zagazig university - 2021

## Courses:

- Microsoft Power BI Data Analyst Professional Certificate:
  - Preparing Data for Analysis with Microsoft Excel
  - Harnessing the Power of Data with Power BI
  - Extract, Transform and Load Data in Power BI
- IBM Data analyst professional certificate  :
  - IBM Data Analyst Capstone Project
  - Data visualization with Python - IBM
  - Data analysis with Python – IBM
  - Python Project for Data Science - IBM
  - Databases and SQL for Data Science with Python – IBM
  - Python for Data Science, AI & Development – IBM
  - Data Visualization and Dashboards with Excel and Cognos – IBM
  - Excel Basics for Data Analysis – IBM
  - Introduction to Data Analytics - IBM
- Managing Big Data with MySQL – Coursera 

## Skills:

- Excel: Advanced Excel functions for data cleaning, analysis, visualization and automating tasks with VBA
- Power Bi: Skilled with power query, data modeling, DAX, and connecting multiple data sources.
- Python (python basics, automation, conditions, loops, data manipulation libraries NumPy, pandas, matplotlib)
- SQL: data retrieval, analysis, and database management (e.g., MySQL, SQL Server). Experienced in optimizing queries and handling large datasets.)