

OSAMA ALASHKAR

Data Analyst

✉ osamamohamedhajaj@gmail.com

☎ +201095433819

📍 Mansoura, Egypt

🌐 [linkedin.com/in/osamamohamd/](https://www.linkedin.com/in/osamamohamd/)

Portfolio: osamamohamedhajaj.vercel.app

EDUCATION

New Mansoura University || New Mansoura, EGYPT

08/2021 – 07/2026

B.E. AI Engineering

Relevant Coursework: AI Field (Machine Learning, Natural language Processing, Deep Learning, Computer Vision, Knowledge Based Systems, Optimization Techniques), Operating System, Data Structures and Algorithms, Database, Object-Oriented Programming, Software Engineering, Big Data Analytics, Data Mining.

SKILLS

Technical Skills:

- **Programming Languages:** Python, R, SQL
- **Machine Learning Libraries:** Pandas, NumPy, TensorFlow, PyTorch, Scikit-learn, Keras
- **Big Data Tools:** Hadoop, Spark
- **Databases:** PostgreSQL, MySQL, SQLite
- **Visualization Tools:** Excel, Tableau, Power BI, Matplotlib, Seaborn
- **Version Control:** Git, GitHub

Soft Skills:

- Problem solving
- Time Management
- Storytelling
- Communication
- Critical Thinking
- Analytical

EXPERIENCE

Data Analyst

Digital Egypt Pioneers Initiative — Mansoura, Egypt

06/2025 – 12/2025

- Analyzed large datasets using **Python**, **SQL**, and **Excel** to extract insights and support decision-making.
- Built interactive dashboards with **Excel**, **Power BI** and **Tableau** to enable data-driven business strategies.
- Applied statistical methods and advanced **visualization techniques** to real-world case studies.
- Developed additional skills in **freelancing**, **communication**, **coaching**, and **teamwork** through program activities.

Data Analyst Intern

NeuronetiX — Cairo, Egypt

09/2024 – 10/2024

- Worked on 3 end-to-end data analysis projects involving data preprocessing, analysis, and visualization.

- Utilized **Excel** for data cleaning, pivot tables, and basic analysis; **Power BI** for interactive dashboards and reports; and **Python** (Pandas, NumPy, Matplotlib, Seaborn) for in-depth data manipulation and visualization.
- Delivered actionable insights that supported business decisions and improved data reporting processes.

PROJECTS

Agency Performance Analysis:

- Processed and combined agency performance data using Power Query for accurate reporting.
- Designed KPI-driven reports (revenue, gross sales, refunds and campaign effectiveness).
- Created dynamic **Excel dashboards** to monitor performance and support management decisions.
- **Tools:** Excel, Power Query, MACROS

Titanic Survival Analysis:

- Cleaned and transformed passenger data using Power Query for accurate reporting.
- Built interactive Excel dashboard to visualize survival rates by class, gender, and age.
- **Tools:** Excel, Power Query

Fashion Retail Store Sales Analysis:

- Combined multi-sheet sales data using Power Query to identify top-selling products, seasonal trends, and store performance.
- Built calculated columns and measures to analyze revenue, profit margins, Gross sales, Net sales and product category contributions.
- Designed interactive Excel dashboard with filters for daily, weekly, and monthly views to support management decisions.
- **Tools:** Excel, Power Query

Certifications

- [Machine Learning Specialization](#) – Coursera / Stanford University – Instructor: Andrew Ng
Completed a 3-course program covering **supervised learning**, **unsupervised learning**, **recommender systems** and **reinforcement learning**. Gained hands-on experience with Python, linear/logistic regression, decision trees, clustering, Markov Decision Processes, Q-learning, collaborative filtering, content-based filtering and regularization.
- [ICPC Problem-Solving Contest Participant](#) – New Mansoura University, 2023
Participated in the International Collegiate Programming Contest, solving algorithmic problems under time constraints using C++. Demonstrated proficiency in data structures, dynamic programming, stl and graph algorithms.