

MOHAMED SAMIR

Data Analyst & Power Bi Developer

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🌐 [linkedin.com/in/Mohamedsamir233](https://www.linkedin.com/in/Mohamedsamir233) 📁 Portfolio : [MohamedSamir233](#) 🛡 Military Status: Exempted

Summary

Data Analyst with hands-on experience in analyzing data using Excel, SQL, and Power BI. Skilled in building dashboards, identifying KPIs, and delivering actionable insights to improve business performance.

Education

Bachelor of Computer Science

2020 – 2024

Faculty of Computer and Information, Zagazig University

Skills

Technical Skills: Excel (Power Query, Pivot Tables, Advanced Formulas), Power BI (DAX, Data Visualization, Dashboard Development), SQL (Joins, Subqueries), Data Modeling, Data Cleaning, KPI Analysis, Tableau (Basic), PowerPoint

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly, scikit-learn)

Soft Skills: Communication, Teamwork, Problem Solving

Experience

Retal Group | Cairo, Egypt

May 2025 - Jun 2025

Data Analyst

- Analyzed recruitment funnels and daily hiring metrics to identify and mitigate candidate drop-off rates.
- Automated data cleaning processes for 1,000+ applicant records, ensuring 100% reporting accuracy.
- Conducted market salary benchmarking to assist the recruitment team in optimizing offer competitiveness.

Projects

Healthcare Analysis Project | *Excel, Power Query, Power BI, Seaborn*

- Analyzed 55K patient records and uncovered \$1.42B in billing insights over 5 years.
- Identified key metrics: average patient age = 51, average stay = 15 days.

Coffee Beans Sales & Growth Analysis (2023–2024) | *Excel, Power Query, Power BI, Seaborn*

- Analyzed 701K coffee bean sales (2023–2024) with April 2023 peak.
- Top product: Ethiopian beans (2K units); profit margins 21–23%.
- Managed 100 clients (20% of market) despite limited distribution.

KMeans Clustering Web-App | *Python, Pandas, Plotly, Seaborn, Scikit-Learn, Streamlit*

- Built an interactive app that performs customer segmentation in under 3 minutes.
- Reduced manual preprocessing time by 70% and improved clustering workflow efficiency by 30%.

AC Search Trends – Time Series Forecasting Project | *Python, Pandas, Seaborn, Scikit-Learn*

- Analyzed over 230 weeks of search data and produced a 2-year forecast with high accuracy.
- Detected strong monthly seasonality improving demand insight by 20%.

Diabetes Classification Predictor | *Python, Pandas, Seaborn, Scikit-Learn*

- Cleaned a medical dataset of 768 records and improved data quality to 100%.
- Trained a Naïve Bayes classification model achieving 79% accuracy.

Certifications

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| • Google Data Analytics Professional Certificate | 2026 |
| • IBM Data Analysis with Python | 2026 |
| • HP LIFE Strategic Planning | 2026 |
| • HP LIFE Agile Project Management | 2025 |
| • HP LIFE Data Science & Analytics | 2025 |

Languages

- **Arabic:** Native
- **English:** Advanced