

Mohamed Salah Abdelhamid

Data Analyst

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with 3+ years of cross-industry experience delivering end-to-end business intelligence solutions, ETL pipelines, and KPI optimization frameworks that drive measurable executive decision-making. Proficient in Power BI, Tableau, Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, IBM SPSS, Orange Data Mining, and Odoo ERP. Proven track record of reducing reporting preparation time by 40%, saving 10+ hours of manual processing per week through pipeline automation, and improving forecasting accuracy by 20%. Strong accounting and financial reporting background bridges raw data with business intelligence strategy, enabling faster, more confident decisions. Skilled in leading analytical teams, collaborating with cross-functional stakeholders, and translating complex datasets into strategic recommendations. Currently advancing expertise in Applied AI and Machine Learning. Bilingual in Arabic and English. Targeting Data Analyst and BI roles at multinational organizations.

PROFESSIONAL EXPERIENCE

Data Analytics & AI Specialist

Dec 2025 – Present

Digilians | Cairo, Egypt

- Engineered **ETL pipelines** and automated data workflows in Python (Pandas, NumPy), cutting manual processing by **10+ hours/week** and improving end-to-end data pipeline reliability across client projects.
- Designed **Power BI, Tableau, and Excel** BI dashboards with real-time **KPI optimization**, reducing reporting preparation time by **40%** and enabling evidence-based decisions for senior stakeholders.
- Applied **predictive analytics** and statistical modeling (IBM SPSS, Orange Data Mining) to improve forecasting accuracy by **20%** vs. prior manual methods, strengthening client confidence in analytical outputs.
- Deployed **agentic AI frameworks** to automate BI workflows, increasing team output capacity by **25%** and reallocating analyst time to higher-value strategic tasks.
- Collaborated cross-functionally with client leadership to translate complex datasets into clear business intelligence strategy and data-driven recommendations that informed key decisions.

Financial Data Analyst (Freelance)

Nov 2025 – Present

Gzoor | Cairo, Egypt

- Architected an IFRS-compliant **accounting and data reporting system** from scratch, improving financial data accuracy by **30%** and eliminating recurring month-end reconciliation errors.
- Built structured **financial dashboards and KPI reporting frameworks** for executive leadership, reducing monthly report generation time by **35%** and improving real-time business performance visibility.
- Led and supervised the accounting team, coordinating workflows and ensuring full compliance with internal controls, data accuracy, and consistent reporting cycles.
- Produced strategic financial analysis supporting budget planning, financial forecasting, and data-backed executive decision-making.

General Accountant & Reporting Analyst

Feb 2025 – Oct 2025

Wamd Academy | Giza, Egypt

- Designed a custom **Excel-based reporting and accounting system**, reducing workflow processing time by **30%** through automated calculations and streamlined data entry across all departments.
- Produced daily and monthly financial statements, performance summaries, and data-driven management reports, enabling faster, more informed decisions organization-wide.
- Performed recurring payroll, inventory, and transaction data analysis, ensuring accounting standards compliance and proactively resolving variances before month-end close.
- Partnered with department heads to deliver structured financial insights and cross-functional reporting, improving organizational coordination and data visibility.

General Accountant – ERP Migration Specialist

Sep 2023 – Jun 2024

Al Osseilan for Decoration | Giza, Egypt

- Led full **data migration** from Al Ameen to **Odoo ERP**, delivering zero data loss, complete system integration, and on-schedule go-live.

- Reduced reconciliation discrepancies by over **90%** post-migration by aligning all sales and treasury data with ERP requirements, significantly cutting manual correction time.
- Monitored daily sales transactions and performed treasury reconciliations, providing real-time financial insights throughout all migration and stabilization phases.

General Accountant

Dec 2022 – Dec 2023

Agape Clothing Office | Cairo, Egypt

- Managed full-cycle financial operations: ledger maintenance, payroll processing, cash-flow reconciliations, and inventory coordination with warehouse teams.
- Maintained **zero payroll errors** throughout tenure, ensuring compliant bookkeeping and timely salary disbursement via accurate daily and monthly journals.

Document Control Specialist

Jul 2019 – Mar 2021

Iron Mountain | Giza, Egypt

- Managed the complete document lifecycle for multinational clients: preparation, scanning, quality control, Excel-based metadata tagging, and secure server upload for remote client access.
- Maintained a **100% audit-pass rate** with zero reported data incidents across all client accounts through strict compliance with confidentiality and data security protocols.

EDUCATION

Bachelor of Commerce — Accounting

Faculty of Commercial and Business Sciences

GPA: 2.83 | Core studies: Financial Reporting, Auditing, Cost Accounting, Business Statistics

Sep 2020 – Jun 2024

TRAININGS & COURSES

Specialized Diploma — Applied AI & Data Analytics | Dec 2025 – Present

Digilians, Cairo — Tracks: Applied Statistics & Data Analysis, Data Mining & Visualization, Microsoft Power BI, Advanced Excel, Introduction to Machine Learning & AI, Agentic AI.

Online Training Program — Banking Operations & Financial Practices | Aug – Sep 2020

Banque Misr — Banking operations, compliance, risk management fundamentals, financial reporting, and digital banking systems.

TECHNICAL SKILLS

BI & Visualization: Power BI (Advanced) | Tableau | Microsoft Excel (Pivot Tables, Power Query, Advanced Formulas)

Data Engineering: ETL Pipeline Development | Data Warehousing | Data Cleaning & Transformation | SQL

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn) | SQL (Schema Design, Queries, Triggers, Constraints)

Analytics & AI: IBM SPSS Statistics | Orange Data Mining | Predictive Analytics | Machine Learning | Agentic AI

BI Strategy & KPIs: KPI Optimization | Business Intelligence Strategy | Dashboard Design | Reporting Automation

ERP & Finance: Odoo ERP | IFRS Compliance | Financial Reporting | Excel-Based Accounting Systems

SOFT SKILLS

Analytical Problem-Solving | Strategic Thinking | Team Leadership & Supervision | Cross-functional Collaboration | Stakeholder Communication | Attention to Detail | Adaptability & Fast Learning | Ethical Data Practices | Bilingual (Arabic / English)

LANGUAGES

Arabic: Native Proficiency — Spoken and Written

English: Professional Working Proficiency — Spoken and Written