

Ahmed Elsayed

Data Analyst | BI Developer

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Personal Profile

Results-driven Data Analyst and Business Intelligence Developer with hands-on experience across FinTech, E-commerce & Retail, Healthcare, and Telecommunications. Skilled in Power BI, Excel, SQL, and Python delivering 95%+ analytical accuracy and up to 40% improvement in reporting efficiency through scalable dashboards and actionable insights. Specializes in KPI tracking, revenue optimization, and customer segmentation, with strong ability to communicate findings to both technical and non-technical stakeholders.

Working Experience

Data Analyst

RGB Systems Company

Jan 2025 – May 2026 | Remote, Egypt

- Analyzed FinTech and CRM datasets (100K+ records) to identify transaction inefficiencies, improving customer workflow performance by 20%.
- Engineered end-to-end BI solutions — built data models and 5+ interactive Power BI dashboards for executive reporting, reducing manual reporting time by 35%.
- Wrote advanced SQL queries to extract, clean, and transform business data — identifying revenue trends that improved decision turnaround by 15%.

Data Analyst

Shahbander Company

Oct 2023 – Dec 2024 | Giza, Egypt

- Structured and modeled datasets for 10+ analytical reports, reducing data preparation time by 25%.
- Maintained and optimized SQL databases ensuring 99%+ data accuracy across reporting pipelines.
- Contributed to improving data workflows and reporting efficiency, supporting weekly business reviews with accurate insights.

Selected Projects

End-to-End HR Workforce & Attrition Analytics System

- Built a Power BI Star Schema (1 fact, 13 dimensions) for 1,470 employees, developing 10 DAX measures for attrition rate, income gap, and dynamic outlier analysis.
- Delivered an interactive executive dashboard and recommendations targeting potential \$2M+ annual savings from a 5-point attrition reduction; supported analysis with SQL and Python.

Andalusia Healthcare Directors High Level Dashboard

- Designed a Galaxy Schema with 3 fact tables and 4 conformed dimensions, integrating Billing, Marketing, and Medical CRM data across Egypt and Saudi Arabia.
- Developed 48 DAX measures and an executive Power BI dashboard with drill-down analysis across departments and payment types.

Retail Sales Performance Intelligence Dashboard

- Built an end-to-end Power BI solution from 2.6M+ rows across 4 CSVs using a Star Schema, analyzing \$8.01M revenue, 276K orders, and 802 customers.
- Identified key revenue concentration and resolved a data-quality gap affecting 1,699/2,500 households using an "Unknown" segment without discarding records.

Personal Care Supply Chain Dashboard

- Built a Power BI Star Schema with 12 DAX measures to analyze 100 SKUs, 46K+ units sold, \$577K revenue, and 17.1-day average procurement lead time.
- Identified a critical quality risk: 36% of SKUs failed inspection vs. 23% passed, and delivered documented supply-chain recommendations.

Technical Skills

- **Tools & Languages:** Power BI (DAX, Data Modeling, Star/Galaxy Schema, Power Query), SQL, Python (Pandas, NumPy, Matplotlib), Excel (Pivot Tables, Power Query, VBA), Tableau, Google Analytics, Google Data Studio (Looker Studio).
- **Analysis & Reporting:** KPI Tracking, Data Storytelling, Executive Dashboards, EDA, Statistical Analysis, Trend Analysis & Forecasting, ETL Processes.
- **Business Impact:** Revenue Analysis, Customer Segmentation, Conversion Optimization, Operational Efficiency, Decision Support.
- **AI & Automation:** Prompt Engineering, AI-Assisted Data Analysis, SQL/DAX Generation, EDA Support, Report Automation, Power Automate.

Education

Bachelor of Computers and Artificial Intelligence

2019 – 2023 | Egypt, Benha University

- GPA: 3.5/4.0 — Major: Information Systems & Artificial Intelligence
- Completed 4-year program covering software engineering, database systems, computer science, and medical informatics.

Certifications & Relevant Coursework

Google Analytics Certification

Google

ITI Data Analysis Course

Ministry of Communications & Information Technology

Data Science & Analytics

HP LIFE Global Company

Professional Database Fundamentals

International Training Institute (ITI)

User Interface Design Complete Course (UI)

Coursera Platform