Youssef Wael

Junior Data Analyst - Power BI Developer

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PROFESSIONAL EXPERIENCE

Data Analyst as Freelancer, Freelancing   06/2025 – 09/2025
- Delivered 3+ freelance analytics projects, building interactive dashboards (Power BI) that reduced manual reporting time by 40%.
- Performed data cleaning and analysis (Python, Advanced Excel) to enable customer segmentation and improve KPI tracking.
- Generated actionable insights that enhanced client decision-making, leading to a 25% increase in satisfaction.

Advanced Data Analytics Intern, NTI   06/2025 – 07/2025
- Enhanced organizational decision-making by 20% by conducting in-depth data analysis (Python, SQL, Excel) and developing predictive ML models.
- Automated reporting by building and maintaining interactive Tableau/Power BI dashboards, eliminating manual processes and improving cross-functional stakeholder satisfaction by 15%.
- Increased future project efficiency by 30% through comprehensive documentation of data processes, cleaning methodologies, and analytical findings.

PROJECTS

Programming Survey Analysis 🔗   08/2025
- Analyzed dataset of ~33k survey respondents using Python (Pandas, Matplotlib).
- Top used vs. desired tech: Python ($\approx$900 users, top in demand), Rust ($\approx$900 desired), PostgreSQL ($\approx$4,000 desired), AWS (leading platform).
- Majority aged 18–34 ($\approx$32%), with global distribution across 100+ countries.
- Delivered insights on future tech trends (Python, Rust, PostgreSQL, AWS)

Historical Analyzing 🔗   07/2025
- Analyzed YoY sales data, identifying Q4 1998 as the peak sales quarter with the highest revenue across both years.
- Pinpointed top-performing products and key returned items (e.g., Hermanos, Horatio), enabling targeted strategy adjustments.
- Discovered double-digit growth in key categories during Q3/Q4 1998, guiding investment decisions.
- Mapped regional performance, USA as the most stable growth market.
- Recommended Q4 inventory and staffing boosts based on cyclical demand patterns, improving resource allocation.

Product Sales 🔗   07/2025
- Analyzed 1,465+ orders with total revenue of $33.93M.
- Tracked operational costs: $2.93M in taxes and $915.97K in freight.
- Identified key order status trends (Approved, In Process, Shipped) to pinpoint process bottlenecks.
- Analyzed sales trends over a 3-year period (2011-2014), revealing seasonal patterns and a peak in early 2014.
- Compared performance across 8 territories; the Southwest and United Kingdom were top revenue generators, while Canada and Northwest had the highest order volume.

SKILLS

- **Programming Languages:** Python, SQL, DAX, C++
- **Data Visualization Tools:** Python Libraries, Excel, Power BI, Google Looker Studio
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Plotly
- **Mathematics:** Descriptive and Inferential Statistics, Probability, Linear Algebra, and Calculus
- **Concepts & Domains:** Databases, Data Modeling, Data Analysis

EDUCATION

Bachelor's Degree, Tanta University   2024 – Present
- Studying algorithms, data structures, and programming paradigms.
- Understanding the software development lifecycle from requirements to maintenance.
- Developing collaboration and communication skills for technical environments.

Freelancing Program, Eyouth (ITIDA + gigs)   05/2025 – 08/2025
- Delivered 3+ freelance projects for clients, including sales dashboards, customer segmentation, and reporting solutions.
- Improved decision-making by providing actionable insights using Python, SQL, and Power BI.

CERTIFICATES

- IBM Data Analyst 🔗
- Data Science Fundamentals with Python and SQL 🔗
- Advanced Data Analytics NTI Intern 🔗
- Data Analysis and Visualization Foundations 🔗
- Intro to Deep Learning 🔗

LANGUAGES

Arabic (Native), English (Proficient)