

Istia Alam

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Summary

Data Analyst skilled in Python, SQL, and Power BI with expertise in dashboards, ETL pipelines, and predictive modeling. Transitioned from IT Administration to Analytics, combining infrastructure expertise with data insights to improve forecasting, reporting, and decision-making.

Experience

Junior Data Analyst | Panjabiwala Ltd | Dhaka | Sep 2024 – Present

- Built SQL/Python/Power BI analytics improving forecast accuracy 15%.
- Automated KPI dashboards reducing reporting 40%.
- Improved data quality 30% with validation rules.
- Engineered ETL pipelines ensuring 99% availability.

IT Administrator | NABIL IT | Dhaka | Nov 2019 – Aug 2024

- Managed Windows Server, AD & 200+ endpoints (99.5% uptime).
- Reduced vendor costs 20% via in-house troubleshooting.
- Maintained ERP/DB systems, speeding decisions 30%.
- Automated SQL/Excel reports saving 25 hrs/month.
- Enhanced security, reducing incidents 40%.

IT Support Specialist | HATIL Furniture & Omega Home Solution | Dhaka | Oct 2011 – Oct 2019

- Supported 300+ users, reduced downtime 25%.
- Assisted ERP rollouts ensuring adoption.
- Delivered bi-monthly training to 40+ users, boosting ERP use 35%.

Projects

Python:

Telecom Churn Analysis – 50K+ records, identified high-risk groups (1.5x churn). [bit.ly/3UJmdnW];

Credit Card Approval – Logistic regression, 85% accuracy. [tinyurl.com/credit-approval-IstiaK];

Fraud Detection Monitoring – 100K+ txns, flagged drift. [short-link.me/1c4Ad]

► More 14+: github.com/IstiaK-Alam/Datacamp-Projects/tree/main/Python%20Projects

SQL:

PostgreSQL Super Store – 10K+ sales txns, cut redundancy 40%. [tinyurl.com/PostgreSQL-store-IstiaK];

Video Game Market – 400+ records, top titles & trends. [short-link.me/17C4G];

International Debt – 124 countries, China \$285.8B debt. [tinyurl.com/Int-debt-Analysis]

► More 10+: github.com/IstiaK-Alam/Datacamp-Projects/tree/main/SQL%20Project

Power BI:

Sales Dashboard – 10K+ txns, +12% profit. [short-link.me/17C6x];

E-commerce Performance – 50K+ orders, \$118K savings. [tinyurl.com/Ecom-Data-IstiaK];

HR Analytics – 1,470 employees, 16.1% attrition. [tinyurl.com/Hr-data-IstiaK]

► More 11+: github.com/IstiaK-Alam/Datacamp-Projects/tree/main/PowerBi%20Projects

Education

B.Sc. in Computer Science & Engineering | Dhaka | Green University Of Bangladesh | 2013 | GPA: 3.75

Certifications

Google Advanced Data Analytics | IBM Data Analyst | Microsoft Power BI (PL-300) | CompTIA Data+ | CBAP (IIBA) | Meta Data Analyst | Google Data Analytics | Google IT Support (For verify please visit <https://istiak-alam.github.io>)

Skills

Programming: Python (Pandas, NumPy, Scikit-learn), SQL | Visualization: Power BI, Tableau, Matplotlib, Seaborn | Analytics: Regression, Classification, Clustering, Forecasting | Data: Cleaning, ETL, Statistical Analysis, A/B Testing | Tools: Excel, Power Query, DAX, Git | Soft Skills: Problem-Solving, Critical Thinking, Communication, Team Collaboration, Time Management | Languages: Bangla (Native), English (Fluent)