

Shadin K

Data Analyst

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Professional Summary

Data Analyst skilled in **Python (Pandas, NumPy)**, **Excel**, and **SQL**, with expertise in data transformation, **Machine Learning (Regression, Classification)**, and building interactive dashboards using **Power BI** and **Tableau** to deliver actionable insights. Strong foundation in statistics and data analysis for identifying trends, supporting decision-making, and solving business challenges. Experienced in handling and visualizing large datasets to drive data-driven strategies.

Professional Experience

Data Analyst , <i>Bridgeon Solutions</i>	04/2025 – Present
<ul style="list-style-type: none">Evaluated e-commerce sales data (30K+ records) and discovered top-performing products and sales channels, contributing to revenue growth strategies.Designed interactive dashboards for healthcare patient visits, revealing trends in departmental performance and patient retention.Assessed Saudi Vision 2030 project portfolio, highlighting agency performance, budget allocation, and funding efficiency for policy monitoring.Conducted HR attrition analysis, uncovering turnover drivers and recommending targeted interventions to improve employee retention.	

Education

B.Sc. in Statistics (Honours) , <i>University of Delhi</i>	2021 – 2024
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Skills

Languages Python, SQL (PostgreSQL, MySQL)	Soft Skills Data storytelling, data documentation, communication, cross-functional collaboration, critical thinking, problem-solving, attention to detail, adaptability, time management.
Statistical Analysis Hypothesis Testing, Machine Learning (Classification, Regression), Predictive Modeling	Tools & Technologies Excel (advanced), Git
Data Visualization Tableau, Power BI, Matplotlib, Seaborn	Frameworks/Libraries Scikit-learn, XGBoost, Pandas, NumPy, Matplotlib, Seaborn
Techniques Supervised Learning, Unsupervised Learning, Feature Engineering	

Projects

Saudi Vision 2030 Project Progress Analysis , <i>Tableau, Power Query Dashboard</i>	08/2025
<ul style="list-style-type: none">Built an interactive Tableau dashboard to monitor 15+ national projects across multiple sectors.Interpreted project portfolio data, showing 66% of projects on track with 5.7% average progress.	

- Visualized financial utilization, with 7% of budget allocated to "Thriving Economy" initiatives.
- Pinpointed risks in ICT and Energy sectors and recommended mitigation strategies for delayed regions.

Healthcare Provider Billing & Cost Analysis, Power BI, Power Query Dashboard

07/2025

- Modeled thousands of patient visit records, standardizing billing, demographic, and treatment data.
- Developed an interactive Power BI dashboard with financial summaries, patient demographics, and departmental cost analysis.
- Determined high-cost departments (Orthopedics, Cardiology) and key procedures driving billing totals.
- Revealed patient trends: 57% male visits, majority aged 18-30, and nearly 50% of bills paid out-of-pocket, enabling better hospital outreach and planning.

E-commerce Customer Sales Analysis, SQL, Power Query | Dashboard & Reports

06/2025

- Cleaned and standardized 30K+ raw sales records, removing duplicates, fixing inconsistencies, and normalizing data into relational SQL tables (3NF).
- Queried transactional data to uncover revenue trends, high-value customers, and product performance.
- Highlighted fashion and electronics as the highest revenue-contributing categories.
- Delivered insights on campaign effectiveness and payment preferences, enabling improved marketing spend allocation and checkout experience.

HR Attrition Analysis, Excel | Dashboard & Insights

04/2025

- Explored HR dataset to understand factors influencing employee resignation, including demographics, job satisfaction, and work environment.
- Found higher attrition rates among employees aged 28-37, linked to poor work-life balance and limited career growth.
- Highlighted the impact of salary stagnation and long tenure under the same manager on turnover risk.
- Provided actionable insights for HR retention strategies and policy adjustments.

Certificates

- Google — Foundations: Data, Data, Everywhere
- Tata — Data Visualisation: Empowering Business with Effective Insights