

Shreeyash Baranwal

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SUMMARY

Data Analyst with 3+ years at PwC delivering SQL/Python analytics, Power BI / Tableau dashboards, and KPI frameworks across 10+ M&A engagements. M.S. Data Science candidate (Dec 2026, GPA 4.00). Targeting Data Analyst / Business Analytics Intern roles.

EDUCATION

University of North Texas Denton, TX	Expected: December 2026
Master of Science (M.S.) – Data Science	GPA: 4.00
BNM Institute of Technology Bangalore, India	June 2022
Bachelor of Engineering – Electronics & Communication Engineering	GPA: 3.30

TECHNICAL SKILLS

Programming & Databases	SQL, Python (pandas, NumPy, scikit-learn), MySQL, Java, Git
Analytics & Statistics	EDA, Hypothesis Testing, A/B Testing, Cohort Analysis, Regression, Time Series Forecasting, Predictive Analytics, Data Storytelling
Visualization & BI	Tableau, Power BI, Advanced Excel (Pivot, VLOOKUP, Macros), Matplotlib, Seaborn, Plotly, Alteryx
ML & Data Mining	scikit-learn, XGBoost, Random Forest, K-Means, KNN, Decision Trees, Feature Engineering
Concepts & Cloud	KPI Development, Data Governance, Financial Modeling, Statistical Analysis, Microsoft Azure, Hadoop

PROFESSIONAL EXPERIENCE

PricewaterhouseCoopers (PwC) Bangalore, India	March 2022 – December 2024
<i>Data Analyst Associate (Aug 2022 – Dec 2024) • Data Analyst Intern (Mar – Aug 2022)</i>	

- Built and automated **7+ Power BI dashboards** translating KPIs from **6 client engagements**, **cutting manual reporting effort by 25%** and accelerating executive decisions on M&A deliverables.
- Automated SQL/Python data cleansing and validation pipelines across **10+ M&A deals**, lifting data integrity to **99.5%+** and reducing rework on executive deliverables.
- Conducted financial due diligence on **200+ contracts** using SQL-based EDA and statistical hypothesis testing, surfacing risk signals that directly informed client negotiations.
- Performed cohort-based SQL analysis on customer churn patterns, **driving a 15% improvement** in retention strategies; aggregated multi-source datasets into 9 donor profiles with 100% regulatory compliance.
- Translated ambiguous business questions into KPI frameworks across 6 client projects; partnered with stakeholders to deliver ad-hoc visualizations clarifying trends for non-technical audiences.

PROJECT EXPERIENCE

AI Adoption & Outcomes Analysis (Stack Overflow Survey 2025) (Tableau GitHub)	<i>Python, Tableau, Cohort Segmentation, Regression</i>
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- Cleaned and engineered features on a **~49K-row** global survey (pay normalization, AI intensity scoring, cohort buckets, skill-breadth indicators); built logistic + linear regression for HighAI vs. baseline cohort comparison.
- Shipped interactive **Tableau dashboard** with policy-lever ROI view ranking interventions by expected uplift across role / experience / remote segments; delivered guidance prioritizing training and structured tool access for near-term ROI.

StyleGuard — AI-Generated Academic Text Detection (GitHub)	<i>Python, scikit-learn, XGBoost, Hugging Face Transformers, SHAP</i>
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- Co-developed AI-text detection pipeline on **5K balanced arXiv abstracts** (2.5K human pre-2021, 2.5K GPT-4o mini); evaluated **5 ML baselines** (LR, SVM, RF, XGBoost, fine-tuned RoBERTa) with imbalance-robust metrics (Acc, F1, FPR).
- Engineered **8 stylometric features** (word length, stopword ratio, sentence variance) feeding XGBoost ensemble that hit **99.5% accuracy** and **0.80% FPR**; used **SHAP** for stakeholder-facing per-prediction explanations and validated on out-of-distribution unseen data.

Disaster Damage Analytics: Social Media + Satellite Imagery (GitHub)	<i>Python, EDA, Feature Engineering, Model Evaluation</i>
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- Cleaned multi-modal crisis data (**~49K tweets**, satellite imagery) into consistent label taxonomies; designed imbalance-robust evaluation (Macro-F1, IoU/F1) for fair model comparison.
- Quantified multi-modal modeling gains: late-fusion lifted damage-severity Macro-F1 from **0.55 → 0.57**; reported tile- and scene-level IoU/F1 enabling interpretable spatial damage analytics for stakeholders.

CERTIFICATIONS

Google AI Essentials (Coursera, 2025) • Python Bootcamp (Udemy, 2025) • Excel for Data Analysis (Coursera, 2025) • SQL for Data Analytics (Udemy, 2021) • Microsoft Azure Fundamentals AZ-900 (2022)