Pramita Pandit

Business & Data Analyst | Graduate Student, Temple University
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GitHub | Portfolio

Professional Summary

Graduate student at Temple University (M.S. in Computer Science – Dec 2025) with 7+ years of professional experience in analytics, business intelligence, and system design. I bring a unique blend of technical proficiency and business acumen, enabling data-driven solutions that enhance process efficiency and strategic decision-making.

Actively seeking full-time opportunities in **Data Analytics**, **Business Intelligence**, or **Data Engineering**, where I can leverage my analytical expertise, problem-solving mindset, and passion for continuous improvement to drive measurable business impact.

Education

M.S. in Computer Science — Temple University, Philadelphia, PA (Expected Dec 2025)
- Earned a merit-based stipend for academic excellence
- Research and teaching assistantships under NSF-funded projects

M.Sc. in Business Analytics & Big Data — University of Liverpool, UK (2021)
- Graduated with Distinction | Awarded ULMS Scholarship (50% tuition waiver)

B.Tech in Electronics & Communication Engineering — West Bengal University of Technology, India (2015)
- Graduated DGPA 9.04 / 10

Professional Experience

Solutions Designer | Calyx (2022 – 2023)
- Designed and implemented data-driven solutions for Interactive Response Technology (IRT) systems used in clinical trial randomization and drug supply management.
- Collaborated with business, data, and QA teams to gather requirements, translate needs into analytical specifications, and ensure regulatory compliance.
- Built BI dashboards and visual reports to track trial metrics, enabling faster insights and improved decision-making.
- Streamlined documentation and deployment processes to improve project efficiency and reduce operational risk.

Business Analyst | Right at Home UK (2021 – 2022)
- Developed process maps and relational data models to support the design of new reporting and operational systems.
- Authored user stories, managed acceptance criteria, and supported iterative development using Azure DevOps and Jira.
- Conducted testing and data validation to ensure data integrity and accurate analytics delivery.
- Automated routine reporting tasks, enhancing performance monitoring and reducing manual workload.

IT Analyst | Tata Consultancy Services (TCS) (2016 – 2020)
- Designed and maintained enterprise IT systems, with focus on UNIX, Oracle SQL, and data integration pipelines.
- Optimized ETL workflows, improving data accuracy and reducing processing time across business-critical applications.
- Led issue resolution for production incidents, coordinating with cross-functional teams to ensure minimal downtime.
- Contributed to requirements analysis, technical documentation, and delivery of scalable solutions under Agile SDLC methodology.

Skills

Languages & Analytics: SQL, Python (Pandas, NumPy, Scikit-learn)
Visualization & BI: Power BI, Tableau
Cloud & Tools: Azure (Data Factory, Synapse), Git, Excel, Jira
Methods: Agile, Process Mapping, Data Modeling

Publications

1. **P. Pandit**, H. Kia, and K. Kant, "Energy Efficiency and Communication Accuracy Tradeoff in Intra-body Networks," *2025 IEEE/ACM CHASE*, New York, NY, USA, 2025, pp. 284–288.
2. H. Kia, **P. Pandit**, and K. Kant, "Energy Transfer Strategies in Magnetic Resonance Based Intra-body Networks," *2025 IEEE WoWMoM*, Fort Worth, TX, USA, 2025, pp. 212–221. DOI: 10.1109/WoWMoM65615.2025.00047