Prakash Teki

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Data Analyst and Business Analytics Graduate Student with 3+ years of experience handling complex datasets. Proven track record in delivering data-driven solutions across Logistics, Finance, Healthcare, and Cybersecurity, improving decision-making by 35%. Expert in Data Analytics, SQL, Python, Power BI, and Tableau for transforming data into actionable insights and dashboards. Skilled in presenting analytical reports for strategic growth. Actively seeking Data Analyst opportunities to apply expertise in analytics and visualization for driving data-driven decisions.

EXPERIENCE

University of North Texas   **08/2024 – Present**
Teaching Assistant   Denton, Texas
- Collaborating on a university research project using Python and Power BI to predict kidney transplantation success rates by analyzing 400,000+ rows of donor-recipient data, optimizing U.S. logistics routes for faster organ delivery and improving predictive accuracy by 25%.
- Delivered in-depth training on 9 advanced Microsoft Excel modules, covering VLOOKUP, HLOOKUP, financial functions, Solver, What-If Analysis, Goal seek and data visualization, leading to a 70% improvement in overall class.
- Guided students through 3 comprehensive Tableau projects, transforming a 10,000-row sales dataset into interactive dashboards, enhancing data storytelling and analytics proficiency for over 300 students.
- Facilitated review sessions for Business Intelligence courses, clarifying complex topics such as forecasting, simulation models, decision analysis, AI, Cloud Computing, and Cybersecurity, resulting in a 60% improvement in assignment accuracy.

Accenture   **11/2021 – 12/2023**
Database Administrator   Hyderabad, India
- Optimized 500+ database service requests (SQL-based account setups, data migrations, issue resolutions) via ServiceNow for Corteva and Synchrony, ensuring 99% system uptime and accelerating data availability for analytics teams, contributing to a 15% reduction in reporting delays.
- Improved ETL pipeline performance by executing and enhancing 300+ SQL/ETL scripts across OLTP and OLAP environments, proactively resolving query errors, which reduced data processing failures by 25% and ensured timely delivery of datasets for BI dashboards and forecasting models.
- Led migration of 30+ enterprise databases to upgraded server infrastructure, improving data retrieval speeds by 20%, optimizing ServiceNow routing, and supporting continuous data access for business intelligence and compliance reporting.
- Maintained 100% data integrity through daily backup audits and issue resolution, while collaborating with cross-functional teams (ETL, Data Engineering, Clients) to support data governance, streamline data flows, and enhance analytics-driven decision-making processes.

PROJECTS

Traffic Clearance Time Prediction (Python, Power BI)   **08/2024 -12/2024**
- Developed a Decision Tree model using Denton city data to predict traffic incident clearance times with 87% accuracy and visualized key response time factors in an interactive Power BI dashboard to support city planning.

Adidas Sales Data Dashboard (Tableau)   **05/2024**
- Designed and developed interactive Tableau dashboards featuring KPIs, drill-down capabilities, and dynamic filters to identify top-performing regions and underperforming product lines, providing strategic insights for decision-making.

SKILLS

- **Programming & Data Visualization**: Python (Pandas, NumPy, Matplotlib, Scikit-learn), R (Basic), SQL, Oracle, Hive, Apache Spark, Power Query, DAX, Power BI, Tableau, Matplotlib, Seaborn
- **Statistical Analysis & Machine Learning**: Regression, Clustering (K-Means), Decision Trees, Predictive Modeling

CERTIFICATIONS

- Tableau for Data Scientists| Career Essentials in Business Analysis - Microsoft/LinkedIn
- Power BI | DAX | R| Intermediate SQL| Intermediate Python – Data Camp

EDUCATION

University of North Texas, Denton County   **01/2024 - 12/2025**
Master of Science, Business Analytics (GPA 3.8/4.0)
Relevant Coursework: Predictive Analytics, Data Visualization, Machine Learning, Business Intelligence