

Tripti Palla

Achievements

Developed a novel machine learning model for predicting student academic performance, achieving 90% accuracy using a relational database optimized for query speed, resulting in a 30% reduction in processing time compared to existing methods.

Designed and implemented a scalable, distributed database system for managing large-scale sensor data, incorporating data cleaning, anomaly detection, and visualization tools, leading to a 5x increase in data processing throughput and improved insights for real-time decision-making.

Skills

- * Programming in Python (including libraries like Pandas, NumPy, Scikit-learn)
- * SQL and database management (e.g., MySQL, PostgreSQL)
- * Data visualization (using tools like Matplotlib, Seaborn, Tableau)
- * Machine learning algorithms and model building
- * Data cleaning and preprocessing techniques

Personal Info

Name: Tripti Palla

Email: jagvishere@example.com

Phone: +914729026392

College: Symbiosis Institute of Technology (SIT)

Career Objective

To leverage data science and database skills to contribute to a challenging and innovative role in a technology-driven organization. Seeking an entry-level position where I can apply my expertise and further develop my abilities.