Shamanth Guduru

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Summary

Results-driven Business Analytics graduate student with experience in machine learning, deep learning, and data analysis. Strong technical expertise in SQL, Python, and R, combined with leadership experience in event coordination. Passionate about leveraging data-driven insights to drive business decisions.

Experience

Aarush Techno-Feast, SRM Institute of Science and Technology
Committee Head | 07/2019 - 02/2022
• Organized and directed the ORM committee, overseeing recruiting and training 25 new volunteers, resulting in a 30% increase in available resources to support organizational initiatives. • Coordinating university operations and managing the materials and requirements required for them.

Skills

Efficient in SQL Query, Proficient in Excel, Efficient in R language, Efficient in Python, Excellent written and oral communication skills, Tableau, Power BI

Education

Kent State University | Kent, OH
Master's in Business Analytics | 07/2025

SRM Institute of Science and Technology | Chennai, India
Electronics and Communication Engineering | 08/2023

Certificates

Python Data Structures -coursera, Introduction to Machine Learning - coursera

Projects

Driver DROWSINESS DETECTION SYSTEM USING CONVOLUTION NEURAL

• Developed and implemented an innovative Machine Learning and Deep Learning model to detect facial features and identify signs of driver drowsiness, resulting in a 25% reduction in accidents and enhanced road safety.

• Used a high-resolution camera to live feed the input to the machine learning model to detect the facial features using inspection V3.

• Successfully implemented the project to gain 75% accuracy.

Publications

IEEE Conference Paper (ICONAT2023_Paper-177) – Published research on machine learning and deep learning techniques for driver drowsiness detection.