Sahil Yogesh Tike, B.E. Comp

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Publication

2023 **College Management System**, *International Journal of Scientific Research in Science and Technology (IJSRST)*, Vol. 10, Issue 3, May–June 2023. Co-authored a paper on a PHP-MySQL based system for academic data management, focusing on secure data entry, database structuring, and system usability.

Education

June 2018 – October 2023 **B.E. Comp, Pune University(SPPU)**
Project title: *Student Management System* .

2018 **AES Abhinav Jr. College**
Qualified HSC Board with 55 Percentage in PCMB.

2016 **AES Abhinav English School CBSE** .
Qualified CBSE 10 Board with 7.4 CGPA.

Skills

Languages Strong reading, writing and speaking competencies for English, Marathi, Hindi.

Coding Java, PHP, Python, R, SQL, C/C++, LaTeX, …

Databases MySQL, MONGODB, SQLite.

Web Dev HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server.

Misc. Academic research, teaching, training, consultation, LaTeX typesetting and publishing.

Miscellaneous Experience

Project Work

2023 **Cancer Biomarker Prediction using Machine Learning** – Built a predictive system to identify early cancer signs using biomedical datasets. Applied EDA and trained classification models (SVM, Random Forest) on gene expression and clinical biomarkers. Emphasized model accuracy, reproducibility, and clinical relevance.

2022 **Stock Price Forecasting using LSTM** Built a deep learning model using Long Short-Term Memory (LSTM) networks to forecast stock prices based on historical market data. *Technologies: Python, TensorFlow, Keras, NumPy, Matplotlib* Achieved RMSE below 5%. Applied sequence modeling, normalization, and windowing techniques.

2020 **Customer Churn Prediction (Telecom Sector)** Developed a predictive model using logistic regression and XGBoost to identify potential churners in a telecom dataset. *Technologies: Python, Scikit-learn, Pandas, Seaborn, XGBoost* Achieved 89% accuracy. Used SMOTE for imbalance handling and SHAP for model interpretability.

References

Available on Request