

Eleti Pavan Kumar

Aspiring Data Analyst/ Aspiring Business Analyst/ Aspiring Data Scientist

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Skills

- **Languages** : Python, SQL
- **Frameworks** : TensorFlow, Keras, PyTorch, Scikit-Learn, XGBoost, Flask, Streamlit, MLflow
- **Data Analysis & Visualization** : Pandas, NumPy, Tableau, Seaborn, Plotly, BigQuery, ARIMA, Prophet
- **Other Skills** : AWS, Azure, Microsoft Excel, Data Engineering, AWS, Business Analysis, Machine Learning

Experience

Data Science Intern

Sep 2024 - Present

ITC Limited

Guntur

- Developed a comprehensive database to track agricultural trends, utilized by 10+ procurement specialists, enhancing decision-making efficiency and responsiveness to market changes.
- Engineered scalable ETL workflows for weather, seasonality, and economic data, boosting forecasting efficiency by 25% and optimizing data pipeline processes.
- Refined machine learning models through feature selection and tuning, increasing profitability by 20% and significantly reducing forecasting errors.
- Designed dashboards for stakeholders, mitigating procurement risks by 15% and enabling data-driven decisions.
- Collaborated with three cross-functional teams to align business goals with technical outcomes, improving communication and stakeholder engagement by 20%.

Projects

Geospatial Logistics Optimization for Improved Delivery Times

🔗 <https://github.com/PAVANKUMARELETI/Delhivery-Feature-Engineering->

- Processed 144,000+ trip records to create 10+ predictive features, improving route accuracy by 25% with algorithms.
- Boosted delivery efficiency by 20% by resolving operational bottlenecks across 500+ routes nationwide.
- Reduced dataset size by 40.63% through optimization, accelerating pipeline performance and improving system efficiency.
- Conducted in-depth exploratory data analysis (EDA) on 50+ variables, improving delivery accuracy, reducing delays by 15%.

Jamboree - Graduate Admissions Prediction

🔗 <https://github.com/PAVANKUMARELETI/LinearRegression---Jamboree>

- Analyzed 500+ student profiles to identify key admission factors, achieving an R score of 82% and enhancing decisions.
- Initiated 8+ engineered features, reducing prediction errors by 18% and improving model reliability.
- Composed a regression model with 95% interpretability, providing tailored recommendations for students and stakeholders.
- Enhanced counseling strategies for 1,000+ Ivy League aspirants annually, improving satisfaction rates, application success.

Loan Creditworthiness Prediction with LogisticRegression

🔗 <https://github.com/PAVANKUMARELETI/LogisticRegression---LoanTap>

- Examined 396,000+ loan records, identifying factors like employment duration and credit utilization.
- Organised predictive features and handled data imbalances using SMOTE, enhancing model transparency and accuracy.
- Established a logistic regression model achieving 84% accuracy and a 0.78 ROC-AUC for repayment predictions.
- Delivered actionable insights, enabling the development of optimized underwriting policies and reducing credit risks.

Achievements

- Recognized as "Best Intern Contributor" for leading a chili price forecasting project, boosting accuracy by 25%, profitability by 20%, and mitigating risks by 15%.
- Directed a cross-functional team of 5+ members to deliver a forecasting model within 6 months under tight deadlines.

Education

IIIT Lucknow

2026

MS in Data Science

Scaler

2025

Specialized in Data Science & Machine Learning

Certifications

- Google Data Analytics Specialization - "<https://coursera.org/share/26b99f09e66ec7910985544315cd491b>"
- HackerRank SQL (Intermediate) Certificate - "<https://www.hackerrank.com/certificates/40b9aad74d72>"