RITIK KUMAR

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LINKEDIN
GITHUB
+91 9828155803

CAREER SUMMARY

Enthusiastic and focused Mathematician Data Scientist with a solid background in Probability, Statistics and Machine Learning. Excited to bring problem-solving skills and data science knowledge to create data driven solutions.

PROJECTS

Time Series Analysis | NIT, Calicut   **Jan 2023 - May 2023**

LINK

- Explored different time series forecasting models for daily life based time series in academic project works. Used applications of forecasting models for stock market forecasting of stock value variations of specific company stocks, under the guidance of Dr. Lineesh M. C. .

Real Estate Data Science Application   **Jan 2025 - present**

LINK

- Built a comprehensive data science solution for Residency Plot Price Prediction and Analytics Module using real estate data.
- Scraped real estate listings from 99acres and integrated additional datasets; performed extensive data cleaning, feature engineering, and imputation.
- Conducted Exploratory Data Analysis (EDA) with statistical insights and visualizations (scatter plots, word clouds,   geographical maps).
- Developed and compared multiple ML models (XGBoost, Random Forest, Gradient Boosting, SVR, Lasso, Ridge, Decision Tree, MLP, ElasticNet) for price prediction; deployed the best model via Streamlit.

EDUCATION

Master of Science in Mathematics   **Sept 2021 – May 2023**
National Institute of Technology, Calicut; CGPA- 7.00/10

Bachelor of Science in Mathematics   **Aug 2018 – Sep 2021**
Pandit Deendayal Upadhyaya Shekhawati University Sikar; Percentage : 72.67

SKILLS

Technical Skills   **:** Python, C++, Probability, Statistics, Machine Learning, Deep Learning, Scikit Learn, Pandas, Matplotlib, TensorFlow, Linear Algebra, Optimization, Time Series Forecasting.

Soft Skills   **:** Communication, Creative Problem-Solving, Critical Thinking, Resilience.

PERSONAL DOSSIER

- **Date of Birth**   **:** 22-01-2000
- **Language**   : English, Hindi