

RITIK KUMAR

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CAREER SUMMARY

Data Science enthusiast with a strong foundation in statistics, machine learning, and Python. After a personal development break, I spent the past year building hands-on data projects and sharpening my skills to break into the field. Actively seeking opportunities to contribute and grow as a data professional.

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 Technology in Data Science

Aug2024 – May 2026

Defence Institute of Advanced Technology, Pune

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

P.D.U.S Sikar; Percentage : 72.67

SKILLS

- | | | |
|------------------|--------------------------|-------------------------|
| ▪ Python | C++ | SQL |
| ▪ Statistics | Machine Learning | Deep Learning |
| ▪ Scikit Learn | Numpy | Pandas |
| ▪ Matplotlib | Seaborn | TensorFlow |
| ▪ Linear Algebra | Optimization | Time Series Forecasting |
| ▪ Communications | Creative Problem-Solving | Resilience. |

PERSONAL DOSSIER

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