Rajat M

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in LinkedIn Profile

GitHub: https://github.com/rajat16127

Summary

- Engineering graduate with a specialization in Information Technology from Mumbai University.
- Hands-on experience with Python-based Machine Learning workflows including data preprocessing, model building, and evaluation.
- Strong understanding of ML concepts such as classification, regression, model validation, and feature selection.
- Proficient with tools such as NumPy, Pandas, Scikit-learn, and Jupyter Notebook.
- Skilled in Git, Linux, and developing data-driven solutions with practical applications.

Skills

- **Programming Languages:** Python, JavaScript
- **Data Analysis & ML:** Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook
- **ML Concepts:** Classification, Regression, Data Preprocessing, Model Evaluation
- **Web Development:** HTML, CSS
- **Version Control:** Git, GitHub
- **Other:** Data Structures, Algorithms, API Integration

Projects

Loan Default Prediction (ML Project) 📊 https://rajat16127.github.io/home/loan_ml.html

Used a real-world dataset to predict loan default risks using Random Forest and Logistic Regression. Applied preprocessing techniques, feature scaling, and evaluated results using confusion matrix, precision, recall, and F1-score.

- **Tech Stack:** Python, Pandas, NumPy, Scikit-learn, Jupyter
- **ML Techniques:** Classification, Train/Test Split, Evaluation Metrics

Movie Search App 🎬 https://rajat16127.github.io/IMDB_JS_P/

A responsive web application for browsing movies and retrieving information from an external API.

- **Tech Stack:** JavaScript, API Fetch, CSS
- **Features:** Movie search, dynamic API calls, clean UI.

Weather App 🌤 🌡 https://rajat16127.github.io/WEATHER_APP/

Responsive app that fetches real-time weather data based on user input.

- **Tech Stack:** JavaScript, HTML5, CSS3, OpenWeatherMap API
- **Features:** Live updates, user input validation, API integration.

Education

Bachelor of Engineering (Information Technology)

University of Mumbai

Relevant coursework: Machine Learning, Data Structures, Algorithms, Data Mining, Artificial Intelligence, Cloud Computing.

Additional Information

Languages: Fluent in English, Hindi, and Marathi