

Nimish Pravin Sinkar

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Education

B.E. in Artificial Intelligence & Data Science

PVGCOE, Nashik

3rd Year / Expected Graduation: 2027

Skills

Programming & Tools: Python, SQL, Git, Jupyter Notebook

Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Django

Platforms: Kaggle, GitHub

Projects

Student Performance Classification

Logistic Regression / Random Forest / Data Visualization / Scikit-learn

- Analyzed student demographic and behavioral data to classify performance levels (Low, Medium, High)
- Performed feature engineering by averaging exam scores and labeling performance categories
- Handled class imbalance using `class_weight='balanced'`
- Built and evaluated Logistic Regression and Random Forest models

- Achieved 46% accuracy with Logistic Regression and strong recall for Low performers
- Visualized score distributions, class imbalances, and confusion matrices
- [GitHub Repo](#)

Academic Result Management System (Mini Project)

Django / SQLite / HTML/CSS / Python

- Developed a web application for managing student records and academic scores
 - Built secure login functionality for admins and faculty using Django auth
 - Enabled CRUD operations for managing courses, students, and result reports
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Coursework & Interests

- Data Science | Machine Learning | Data Analytics | Web Development
 - Passionate about using data to solve real-world problems and building ML-powered solutions
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Achievements & Practice

- Active on Kaggle for dataset exploration and competitions
- Regularly contribute ML projects to GitHub with clean documentation
- Open to internships in Data Science, Machine Learning, or Data Analytics roles