






Nikita Pawale

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 Pune

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PROFESSIONAL SUMMARY

Motivated graduate with a strong foundation in Industrial Mathematics and Computer Application. Offering a strong foundation in statistical analysis, machine learning, and data visualization, with proven expertise in extracting meaningful insights from complex datasets. Skilled in Python, SQL, and advanced analytical tools, with a track record of driving data-driven decision-making and delivering impactful solutions.

SKILLS

Languages: Python | C/C++ | SQL
Tools / Technologies: Power BI | Flask | HTML
Industry knowledge: Machine learning | Data Analysis | Data Science | Database Management System
Core subjects : Linear Algebra | Statistics | Graph Theory | Data structure and Algorithms | Data Mining

PROFESSIONAL EXPERIENCE

Blue Planet Info Solution India Pvt. Ltd.

May 2024 - July 2024

Data Analyst

As a Data Analyst Intern at Blue Planet Info Solution India Pvt. Ltd., I collected and analyzed data from various sources to identify trends and support business decisions. I created reports and visualizations, collaborated with cross-functional teams to ensure data integrity, and led my team in completing projects on time using Python and Excel.

EDUCATION & CERTIFICATIONS

Master of Science -Industrial Mathematics with Computer Application Savitribai Phule Pune University	2023-2025
Bachelor of Science Major- Mathematics Modern College Shivajinagar, Pune	2021-2023
Data Science with Python Finlatics Enabling Insights	June 2024 - July 2024

PROJECTS

Olympics Data Analysis
Analyzed Summer Olympics data (up to 2016), revealing medal trends, prime ages (17–30), top nations, emerging countries, and standout athletes. Highlighted gold-winning probabilities for ages 31–40. Showcased data-driven insights in sports performance.

Dynamic Machine Learning Pipeline
Handles JSON parsing for pipeline configuration, feature engineering for missing values and scaling, feature reduction using PCA and correlation, dynamic model selection, hyperparameter tuning with GridSearchCV, and evaluation with R^2 , MAE, and RMSE.

SEBI PMS Data Analysis and Insights
Analyzed SEBI PMS data using Python for web scraping, revealing high-value clients like PF/EPFO and FPI drive asset growth, client-asset disparities, and 80 inactive companies. Recommendations include prioritizing high-value clients, addressing gaps, and reactivating inactive firms.

VOLUNTEERING EXPERIENCE

- Organized a successful alumni meet, connecting graduates from the past 25 years.
- Conducted a Mathematics Day program to help 5th to 8th-grade students overcome their fear of math.