

NAWALE PRAJAKTA

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PROFILE SUMMARY

Motivated and enthusiastic Computer Science graduate with a strong foundation in programming and problem-solving. I have successfully completed Python and Data Science training, where I gained hands-on experience in data analysis, machine learning, and data visualization using tools like Jupyter notebook, Excel (Pivot Tables, VLOOKUP, Power Query, Power Point), VS Code, Anaconda.

EDUCATION

B.Sc. in Computer Science Savitribai Phule Pune University May 2019 – May 2022	CGPA: 8.75
Higher Secondary Certificate Maharashtra State Board May 2017 – May 2019	53.69%
Secondary School Certificate Maharashtra State Board May 2017	76.00%

TECHNICAL SKILLS

Programming Languages: Python, SQL.
Python Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
Machine Learning: Linear Regression, Logistic Regression, Decision Trees, Random Forest, K-Means
Data Analysis: Cleaning, EDA, Statistical Analysis, Hypothesis Testing
Data Visualization: Matplotlib, Seaborn, Plotly, Tableau
Databases: MySQL, PostgreSQL, MongoDB
Version Control: Git, GitHub
Tools: Jupyter Notebook, Google Colab, Excel, VS Code, Anaconda
Core Concepts: Probability, Statistics, Linear Algebra, Data Wrangling, Model Evaluation

PROJECTS

Fitness Tracker Data Analysis | SQL

Tools / Technology: SQL | MySQL | Data Analysis

Problem / Objective: Analyzed fitness tracker data to understand user activity, calorie burn, and sleep patterns for generating useful health insights.

Action / Method: Performed data cleaning, filtering, aggregation, joins and trend analysis using SQL queries on activity and sleep datasets.

Result / Outcome: Generated meaningful insights from user fitness data, improved data reporting efficiency, and identified daily activity and sleep trends.

Loan Eligibility Analysis Dashboard | Power BI

Tools / Technology: Power BI | Power Query | DAX | Data Visualization

Problem / Objective: Analyzed loan applicant data to identify factors affecting loan approval and understand approval trends based on income, education, and credit history.

Action / Method: Performed data cleaning and transformation using Power Query. Created interactive dashboards and DAX measures to analyze loan approval patterns, applicant income distribution, education impact, and credit history insights. Used charts, cards, slicers, and KPI visuals for better decision-making analysis.

Result / Outcome: Built an interactive Loan Eligibility Dashboard that simplified loan approval analysis, improved data

Smart Crop Recommendation System | Machine Learning

Tools / Technology / ML Models: Python | Scikit-learn | Streamlit | Pandas | NumPy | Matplotlib | Random Forest Classifier.

Problem / Objective: Difficulty in identifying suitable crops based on soil and weather conditions.

Action / Method: Built a machine learning crop recommendation system using Random Forest Classifier, performed data preprocessing and feature scaling, and developed a Streamlit application for real-time crop prediction.

Result / Outcome: Achieved accurate crop prediction with an interactive and user-friendly web application

CERTIFICATIONS & ACHIEVEMENTS

Certification in Data Science & Analytics | April 2026 | Institute– Itvedant Education Pvt Ltd.

Course Work: Excel, SQL, Power BI, Tableau, Python, Python Libraries, Statistics, Machine Learning.

Certification in Python 101 for Data Science | May 2026 | Issued by IBM

Certification in Machine Learning with Python | May 2026 | Issued by IBM

Certification in Data Analysis with Python | May 2026 | Issued by IBM

Master in Data Science and Analytics with AI | May 2026 | Issued by IBM