

Digvijay Patil

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SUMMARY

Self-motivated and quick-learning Data Analyst and Python Developer with strong analytical, problem-solving, and logical reasoning skills. Proficient in Python and data analysis tools to clean, analyze, and visualize data, uncover actionable insights, and support data-driven decision-making. Passionate about continuous learning, building efficient data solutions, and contributing to organizational growth through impactful analytics and automation.

EDUCATION

Bachelor of Technology in Computer Science Engineering (Data Science)

Dr. D. Y. Patil Pratishthan's College of Engineering

07/2021 - 06/2025 Kolhapur

Higher Secondary Education (Class XII)

Vidyamndir High School and Junior College

06/2019 - 03/2020 Islampur

SKILLS

HTML	CSS	Python	Fast API	SQL	Flask	Machine Learning	Excel	Power BI	Tableau	Pandas
Numpy	Matplotlib	Seaborn	Manual Testing							

PROJECTS

Phishing Detection Web App

08/2024 - 03/2025

Phishing Detection Web App (Flask, ML, ABAC)

- Developed a secure web application to detect phishing emails using a custom-trained ML model (TF-IDF + MLP Classifier)
- Built user authentication system (Flask sessions, password hashing) with role- and attribute-based access (ABAC)
- Implemented dynamic access control: retraining and log viewing restricted to admins, CSV download for high-clearance users
- Integrated SQLite for storing users, email records, and audit logs; supported real-time retraining and audit tracking

Store Sales and Profit Analysis

08/2023 - 02/2024

Store Sales and Profit Analysis using Python

- Analysed retail sales and profit data using Pandas for data cleaning and transformation
- Performed statistical analysis with NumPy to calculate metrics like sales, profit margins, and correlations
- Visualized key trends and insights with Matplotlib, including sales performance and regional analysis
- Identified actionable insights to optimize sales strategies and enhance profitability

EXPERIENCE

Data Science Intern

CODSOFT PVT. LTD

12/2023 - 01/2024 Remote

Data Science Intern (Remote)

- Cleaned and analysed large datasets using Python (Pandas, NumPy) to improve data quality
- Developed predictive models with Scikit-learn to forecast customer churn and accuracy
- Created visualizations with Matplotlib and Seaborn for trend analysis

LANGUAGES

Marathi
Native



English
Proficient



Hindi
Proficient

