

Swati Gadekar

Pune, Maharashtra

Email: gadekarswati502@gmail.com

Phone: +917499650281

LinkedIn: linkedin.com/in/swatigadekar09

GitHub: github.com/SWATIG01

Summary

Driven Data Analyst with hands-on internship experience at Code Spyder Technologies, specializing in machine learning and predictive modeling. Proficient in Python, SQL, and data visualization tools like Power BI and Matplotlib. Expertise in transforming complex datasets into actionable insights through feature engineering and model evaluation. Adept at deploying real-world applications such as house price prediction and sentiment analysis. Passionate about leveraging data to drive impactful decisions and solutions.

Work Experience

Data Analyst Intern

Code Spyder Technology, Pune

Jan 2023 - Jun 2023

- Gathered and integrated historical house price data and corresponding features from platforms like Zillow or Kaggle.
- Cleaned and preprocessed data, handling missing values and performing feature engineering.
- Divided dataset into training and testing sets for model building and evaluation.
- Designed and trained a linear regression model to learn relationships between features and house prices.
- Assessed model performance using metrics like MSE or RMSE.
- Adjusted hyperparameters or explored alternative algorithms to enhance model accuracy.
- Deployed the optimized model in a real-world application for predicting house prices based on user inputs.

Skills

- Data Science Algorithms
- Data Visualization
- Deep Learning
- EXCEL
- Exploratory Data Analysis
- Natural Language Processing
- Feature Engineering
- GitHub
- Power BI
- Python
- Seaborn
- Machine Learning Modeling
- Sentiment Analysis
- Matplotlib

- JavaScript
- MongoDB
- Zillow

Education

Master of Computer Application

Vivekanand College, Aurangabad

July 2023 - Present

Bachelor of Computer Application

Deogiri College, Aurangabad

July 2019 - April 2022

Projects

Project 1: Wine Quality Prediction

- Predicting wine quality using machine learning techniques to analyze dataset and identify key factors affecting wine quality.
- *Key Skills:* Machine learning, Data analysis, Python, Scikit-learn, Pandas
- *Responsibilities:* Imported libraries and dataset, Conducted exploratory data analysis, Developed and trained machine learning models, Evaluated model performance

Project 2: Amazon Product Reviews Sentiment Analysis

- Analyzed Amazon product reviews using natural language processing techniques to determine sentiment and identify key factors driving customer satisfaction.
- *Key Skills:* Natural language processing, Sentiment analysis, Text preprocessing, Python, NLTK, Scikit-learn
- *Responsibilities:* Imported libraries and dataset, Preprocessed and cleaned reviews, Analyzed dataset and converted text into words, Trained, evaluated, and predicted sentiment models

Project 3: HR Analytics Dashboard

- Created an HR analytics dashboard using Power BI to visualize employee data and provide insights for HR decision-making.
- *Key Skills:* Data visualization, Power BI, Dashboard design, HR analytics
- *Responsibilities:* Imported libraries and dataset, Selected dashboard background and design, Created dashboard visualizations for employee details, Finalized dashboard with interactive features