

SWATI MANOJ PANDEY

Data Scientist | Machine Learning Engineering

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SUMMARY

I'm a Data Scientist with 3 years of experience working with Python. I've been involved in designing and deploying data-driven solutions, building predictive models, and analyzing large datasets to uncover insights. I enjoy solving real-world problems, automating processes, and helping businesses make informed decisions. Working in fast-paced environments motivates me to deliver accurate and actionable results.

EXPERIENCE

Data Scientist

Happiest Minds Technologies

08/2022 - 07/2025 | Noida, India

A technology company delivering advanced data-driven solutions and AI services.

- Built and maintained scalable Python-based data pipelines for machine learning workflows and analytics platforms.
- Developed APIs using Flask and Django to integrate ML models into web and mobile applications.
- Collaborated with cross-functional teams to implement data-driven solutions and optimize model performance.
- Preprocessed large datasets, engineered features, and automated reporting using Pandas, NumPy, and SQL.
- Participated in model validation, hyperparameter tuning, and deployment using best practices and Agile methodologies.

PROJECTS

Data Integration & Insight Dashboard – The Brand Group (TBG)

Designed and implemented a robust data pipeline to clean and integrate large, unstructured CSV datasets. Applied exploratory data analysis and feature engineering using Jupyter Notebook and Pandas to uncover actionable insights. Built machine learning models for predictive analysis, helping the team make data-driven decisions. Automated ETL processes to streamline data preprocessing and improve model performance.

Sales Forecasting & Data Insights – Continental (Tire Industry)

Developed a machine learning solution to forecast profit, loss, and future sales trends by analyzing large historical datasets. Performed data cleaning, feature engineering, and regression modeling to enhance forecasting accuracy. Designed interactive dashboards to visualize trends and seasonal patterns, enabling the team to make informed, data-driven decisions for strategic planning.

Crypto Price Alert Bot

Developed a Telegram bot to deliver real-time cryptocurrency price alerts by integrating with external APIs. Built Python automation scripts to fetch, process, and monitor price data, allowing users to set personalized alerts. Implemented error handling, scheduled tasks, and secure API interactions to ensure reliability and timely notifications, enhancing user engagement and data-driven decision-making.

EDUCATION

Higer School

School of Scholar

2016 - 2018 | Nagpur, India

Bachelor of Engineering

Priyadarshini College of Engineering

Aug 2018-July 2022

Nagpur, India



Date of Birth: 19 March 2000

Gender: Female

Location: Noida, India

LANGUAGES

English, Hindi

HOBBIES

Reading tech blogs

Playing team sports

Traveling

AWARDS

♥ Awarded “Extra Miles Champion” award for exceptional ownership and delivery at Happiest Minds (2024)

SKILLS

Python

Machine Learning

Data Analysis & Visualization

Pandas / NumPy / scikit-learn

ETL Pipelines & Data Preprocessing

SQL

Flask / Django REST Framework

Model Evaluation & Validation

Jupyter Notebook

Git / Linux

Docker & Cloud Deployment
(AWS/GCP/Heroku)

Certification

★ Python development Certification

★ Deep Learning in Python Training Certification

★ IBM Machine Learning -Coursera Certification