

SWETA PANCHAL

• 9637474870 • swetapanchal3487@gmail.com • <https://www.linkedin.com/in/sweta-panchal-40771b2aa/> • Virar(East)

Summary

A motivated fresher looking to leverage my programming skills in Python, SQL, analytical aptitude, and knowledge of data visualizations to effectively analyze, interpret, and present insights from large datasets in an accurate and meaningful way. I am seeking to collaborate with a leading data science and AI team to develop innovative models for detecting patterns and trends in complex data-driven solutions.

Experience

Milestone PLM Solutions Pvt Ltd

June 2024 – July 2024

Data Analyst Intern

Thane

- Developed interactive Power BI report to visualize building elevations, facilitating detailed area distribution analysis across different faces. Implemented cost estimation models to optimize procurement and potentially **reduce project costs by 20%**.
- Analyzed restaurant product data, including costs and quantities, to pinpoint items, refining inventory management. Prioritized the **top 10 revenue-generating products and streamlined procurement processes**, potentially enhancing cost efficiency by 27%.
- Conducted a comprehensive analysis of a 2-floor plans project, extracting room specifics, square footage, finish types, and flooring details. Utilized insights to optimize spatial planning and material utilization, **potentially boosting project efficiency by 40%**.

Projects

IPL Match Analysis: Power BI Report

- Analyzed **IPL data from 2008 to 2023 to uncover player performance**, team strategies, and audience engagement trends.
- Leveraged data-driven insights to improve strategic **decision-making and optimize league planning for stakeholders**.

Youtube Statistics Analysis :Tableau Dashboard

- Analyzed YouTube video statistics across multiple countries to **uncover trends in views, likes, comments, and audience** engagement.
- Provided actionable insights for **optimizing video performance and engagement strategies** for content creators and marketers.

US SuperStore Analysis :Tableau Dashboard

- **Conducts revenue analysis** by identifying top-performing products, customer segments, and state-wise sales trends.
- Provides **actionable insights to enhance decision-making** on product offerings and discount strategies, driving profit optimization.

Car Price Prediction : Machine Learning model

- This project focuses on **predicting car prices** using feature inputs like manufacture year , fuel type etc. **Linear Regression achieves 74%** and **Lasso Regression models** achieved **68%** accuracy, while the **XGB Regressor** outperformed with an **95%** accuracy rate.

Loan Prediction: Machine Learning model

- Implemented a predictive model for loan approval using **Logistic Regression (85%), RandomForest Classifier(83%), AdaBoostClassifier (79%)** showcasing proficiency in machine learning for **actionable insights and informed decision-making**.

Proficiency

Languages and DataBases: Python, Pandas, Numpy, Matplotlib, Seaborn , SQL, MySQL, Machine Learning, Deep Learning, Computer Vision

Visualization Tools: Tableau, Power BI

Other Skills: Advanced Excel, Business Analysis, Data Analysis, Statistical Analysis, Data Mining, EDA.

Education

Mumbai University

Bachelor of Science in Information Technology

Certifications

Milestone Institute Of Technology

Masters in Data Science and Data Analytics