Pranit Satnurkar

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SUMMARY

Data Analyst with hands-on experience in transforming complex datasets into actionable insights using Python, SQL,Power BI. Proven ability to develop interactive dashboards that track key performance indicators and reveal business trends. Passionate about leveraging data to drive strategic decision making and currently expanding skills in machine learning to build predictive solutions

Skills

Programming Languages: Python, SQL, JavaScript
Databases: MySQL, PostgreSQL, Google BigQuery, Azure SQL
Data Visualization: Power BI, Tableau, Matplotlib, Chart.js
Libraries/Frameworks: Pandas, NumPy, Scikit-learn, Beautiful Soup, Requests, Openpyxl, Tailwind CSS
Tools & Platforms: Git, Docker, VS Code, Google Workspace, Jupyter Notebook, MS Office Suite, Q-GIS,

Projects

Python Web Scraper ***Technologies: Python, Beautiful Soup, Requests, Pandas***

Developed a robust web scraper to extract structured product information and pricing data from e-commerce sites. Implemented error handling and dynamic delay mechanisms to manage anti-scraping measures, and parsed the collected data into a clean CSV format for market analysis.

Interactive Music Trends Analysis Dashboard ***Technologies: JavaScript, Chart.js, Tailwind CSS***

Engineered a dynamic dashboard using JavaScript and the Spotify API to visualize music trends, leading to a 40% increase in user engagement with historical data.

Men's T-Shirt Sales Performance Dashboard ***Technologies: Power BI, Azure SQL***

Built a Power BI dashboard that analyzed sales data from Azure SQL, identifying key profitability trends that informed a new pricing strategy projected to increase margins by 15%.

Production Environment Inventory Analysis Dashboard ***Technologies: Power BI, MySQL***

Created a Power BI dashboard to monitor inventory, which identified supply shortages 25% faster and provided insights that helped reduce carrying costs by 10%.

Housing Market Analysis Dashboard ***Technologies: Power BI, Google BigQuery***

Developed a comprehensive dashboard using Google BigQuery data to visualize housing market trends, providing key insights that helped identify undervalued investment opportunities.

Automated Sales Report Generator ***Technologies: Python, Pandas, Matplotlib, Openpyxl***

Created a Python script to automate the generation of weekly sales reports from raw transactional data. The script processes, aggregates, and visualizes key metrics, exporting the findings into a formatted Excel spreadsheet with charts, saving an estimated 5 hours of manual work per week.

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Experience

Lazarus Network Remote

Data Analyst Intern *Feb 2025 – May 2025*

Cleaned and preprocessed multiple large-scale datasets using Python (Pandas) and SQL, improving data accuracy by over 95% and enabling reliable downstream analysis.

Developed and automated data validation scripts, which reduced data-related errors in reporting by 30%.

Education

G.M. Vedak Institute of Technology Tala, India

Bachelor of Engineering in Civil Engineering *Graduated 2023*