

Saurabh Walde

Data Analyst | Data Scientist | AI & ML Enthusiast

7218381560

saurabhwalde722@gmail.com

[linkedin.com/in/saurabh-walde-a71622216/](https://www.linkedin.com/in/saurabh-walde-a71622216/)

github.com/SaurabhWalde

<https://saurabh-personal-portfolio-khaki.vercel.app/>

Recent AI & ML Engineering graduate with strong skills in Python, SQL, Excel, and Power BI. Experienced in data analysis, machine learning, and NLP, with a track record of building dashboards, developing predictive models, and delivering actionable insights. Driven to apply data-driven solutions to solve real-world problems.

PROFESSIONAL EXPERIENCE

Data Analyst Intern - ELAVATE LABS (Remote)

Position (Apr 2025 – May 2025)

- Designed and built interactive Power BI dashboards to track key financial KPIs, improving stakeholder reporting efficiency.
- Executed complex SQL queries to extract, clean, and transform large datasets for analysis.
- Identified revenue trends and actionable insights that supported strategic decision-making, contributing to a 15% improvement in report clarity.

Prompt Engineering Intern - Ransh Innovation Pvt. Ltd. (Remote)

Position (Aug 2024 - Nov 2024)

- Created diverse, domain-specific language learning materials tailored for educational platforms.
- Applied advanced prompt engineering techniques to generate high-quality and context-relevant content.
- Developed over 100 structured prompts that improved model accuracy and learning engagement by 30%.

AI Trainer / Prompt Engineer - Soul AI (Freelance)

Position (Sep 2023 - Aug 2024)

- Trained and fine-tuned large language models (LLMs) using Reinforcement Learning from Human Feedback (RLHF).
- Reviewed and generated technical and instructional content to enhance model performance and reliability.
- Contributed to a 20% improvement in model response accuracy by optimizing prompt structure and evaluation workflows.

Subject Matter Expert – Statistics / Probability - Chegg India (Freelance)

Position (Apr 2023 - Oct 2024)

- Solved and explained over 400 problems in statistics and probability for a global student base.
- Delivered clear, step-by-step solutions to complex mathematical concepts, maintaining a 95%+ positive feedback rating.
- Supported student learning by simplifying advanced topics, contributing to improved academic outcomes.

EDUCATION

Bachelor of Engineering (B.E.) in Artificial Intelligence and Machine Learning

SKILLS

- **Programming & Data Handling:** Python (NumPy, Pandas), SQL (joins, CTEs, window functions), MS-Excel
- **Data Analysis & Visualization:** Power BI (DAX, dashboards), Matplotlib, Seaborn, Plotly
- **Machine Learning & AI:** Scikit-learn (classification, regression, pipelines), TensorFlow, XGBoost, NLTK
- **Natural Language Processing:** Tokenization, stemming, lemmatization, TF-IDF, sentiment analysis, text processing
- **Model Deployment:** Flask (API development), Streamlit (interactive dashboards), Git (version control)
- **Development & Collaboration Tools:** Jupyter Notebook, VS Code, Google Colab, GitHub, Kaggle
- **Soft Skills:** Problem-solving, Analytical Thinking, Clear Communication, Self-motivation

PERSONAL PROJECTS

Financial Sales Dashboard (Power BI)

- **Built a Power BI dashboard** to help track sales performance by region, product, and sales reps, making it easier for stakeholders to understand key business metrics.
- **Cleaned and prepared financial data**, then created visual insights using interactive charts, filters, and KPIs (e.g., revenue, transactions, product trends).
- **Identified key insights** like 61.7% revenue from the U.S.A. and 78% sales from top products, helping the business focus on high-performing areas.

E-Commerce SQL Analysis

- **Analyzed e-commerce sales data using PostgreSQL** to generate insights on customer behavior, product performance, and order trends.
- **Wrote and optimized SQL queries** using joins, subqueries, views, and aggregate functions to support data-driven business reporting.
- **Created reusable views and performance-tuned queries**, helping improve reporting speed and enabling efficient decision-making from large datasets.

CERTIFICATIONS

- Data Analysis Using Python – IBM
- Data Science & Analytics – hp LIFE
- SQL (Basic) – HackerRank
- Python Course – SCALER
- Programming Foundation: Data Structures – LinkedIn
- MS Excel Course – Learn Vern

LANGUAGES

- English, Marathi, Hindi