

VISHAL YADAV

Data Analyst | Data Scientist

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PROFESSIONAL SUMMARY

Driven Data Analyst skilled in Python, SQL, and Metabase for impactful data storytelling and decision support. Expert in data wrangling, EDA, and crafting actionable insights through dynamic dashboards and reports. Committed to leveraging data science to drive efficiency, optimize performance, and deliver business value.

PROFESSIONAL EXPERIENCE

Data Analyst & Software Implementation Specialist

SATMACE AI SOLUTIONS PRIVATE LIMITED | Mumbai, Maharashtra

Nov 2024 – Present

- Worked closely with clients to implement supply chain traceability software (SatmaCE), ensuring smooth data integration and deployment.
- Analysed user data and transactional logs to identify usage trends and provide actionable insights for product improvement.
- Collaborated with business teams to understand requirements and **translate them into actionable dashboards and visual reports**.
- Optimized SQL queries for performance to ensure **fast data retrieval** for high-traffic dashboards and reports.
- Created interactive dashboards in Metabase to monitor data entry performance and operational efficiency across tenants.
- Collaborated with cross-functional teams to ensure clean data flow between systems, ensuring traceability and compliance
- Actively worked on improving data accuracy, reporting formats, and user experience through iterative feedback loops.

Data Management Executive

TATTVA ENTERPRISES LLP | Gujarat, India

Dec 2023 – Nov 2024

- Assigned work orders to machine supervisors, developed production schedules, and coordinated resources to ensure timely and efficient order completion according to plan
- Verified entries made by team members and conducted thorough crosschecks to ensure data accuracy and compliance with company standards. Provided guidance and supervision to maintain high-quality data integrity
- Managed audit processes by preparing, organizing, and providing all required software data to auditors. Ensured accuracy and compliance in data handling to facilitate smooth and successful audit clearances
- Maintained detailed Excel-based inventory reports, improving stock visibility and audit accuracy.
- Assist with various administrative tasks to support smooth workflow in the production department

EDUCATION

N.B.Mehta College of Science and Commerce

Mumbai, Maharashtra

Graduation in Commerce

June 2021 – August 2024

Aakash Junior College Of Science And Commerce

Mumbai, Maharashtra

Higher Secondary School

June 2019 – July 2021

SKILLS SUMMARY

Language :	Python, SQL
Framework :	Pandas, Numpy, Scikit-learn, Matplotlib, Seaborn, Flask, Streamlit,
Tools :	Excel, Power BI, Tableau, MySQL, PostgreSQL, Metabase BI
Platforms :	Pycharm, Visual Studio Code, Jupyter Notebook, Google Collaborator
Cloud :	Amazon Web Services (AWS), Google Cloud Platform (GCP)
Soft Skill :	Analytical Thinking, Attention to Detail, Adaptability, Problem-Solving, Curiosity-Driven Learning, Business Acumen, Effective Communication, Continuous Improvement Mindset

DATA SCIENCE PROJECTS

Employee Wellness Prediction March 2025 – April 2025

Tools Used: Python, Pandas, Seaborn, Scikit-learn

- Conducted exploratory data analysis on 3,000 employee records to uncover factors affecting wellness, including workload, job involvement, and mental fatigue.
- Implemented and evaluated classification models **Logistic Regression, Decision Tree, Random Forest** to predict wellness status.
- Achieved 81% accuracy with 88% recall on key target class using Random Forest.

Sales Data Analysis & Dashboarding Feb 2025 – May 2025

Tools Used: Python, Pandas, Power BI, Excel

- Performed in-depth **exploratory data analysis (EDA)** on regional sales data to identify patterns in customer behavior, revenue drivers, and product performance.
 - Designed and developed **interactive dashboards in Power BI** to visualize key performance indicators (KPIs), including sales trends, customer segments, and regional revenue contributions.
 - Implemented **data cleaning and transformation** workflows using Python and Pandas to prepare large datasets for analysis and reporting.
 - Automated repetitive reporting processes, leading to a **30% reduction in manual effort** and faster delivery of weekly performance summaries.
 - Collaborated with stakeholders to **translate business questions into visual insights**, improving data accessibility and decision-making.
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CERTIFICATIONS

✦ Postgraduate Program in Data Science and Analytics – (Imarticus learning)	2025
✦ Cisco Certified Renewals Manager (CRM) 700-805 Certificate – (Udemy)	2025
✦ Financial Management and Enterprise Resource Planning(ERP) – (Udemy)	2025
✦ Deploy Machine Learning Models in Production with FastAPI and Docker – (Udemy)	2025
✦ Machine Learning A–Z: AI, Python & R – (Udemy)	2024
✦ Probability and Statistics for Business and Data Science – (Udemy)	2024
✦ Tableau A–Z: Hands-on Tableau Training for Data Science –(Udemy)	2023
✦ Microsoft Power BI Desktop for Business Intelligence – (Udemy)	2023
✦ The Ultimate MySQL Boot camp – (Udemy)	2023
✦ The Complete Python Boot camp From Zero to Hero in Python – (Udemy)	2023
✦ Excel Beginner to Advance – (Udemy)	2023