

Profile Summary

Highly motivated and detail-oriented Data Scientist with a robust foundation in data analysis, machine learning, generative AI, and data visualization. Skilled in designing scalable data pipelines, developing predictive models, and delivering actionable business insights from complex datasets. Proven track record in freelance projects, academic research, and industry experience at Assurance Freight Pvt. Limited. Passionate about leveraging advanced tools and innovative techniques to drive data-driven decision-making and business growth.

Academic Details

Thakur College of Science and Commerce, Mumbai, Maharashtra

B.Sc. (Data Science) – Expected Graduation: 2025
CGPA: 8.5 (Current)

New English Jr. College, Mumbai
HSC – 2022 | Percentage: 68%

Modern English High School, Mumbai
SSC – 2020 | Percentage: 76%

Technical Skills

- Programming Languages: Python, SQL, R
- Data Analysis Tools: Pandas, NumPy, Excel, dbt (Data Build Tool)
- Machine Learning Frameworks: scikit-learn, TensorFlow, Keras
- Generative AI & NLP: Hugging Face, Llama 3.1, NLTK, SpaCy
- Data Visualization: Matplotlib, Seaborn, Tableau, Power BI
- Big Data & ETL Tools: Apache Spark, Apache Kafka, Open Table Formats
- Other Tools: Git, Docker, AWS, SQL Workbench
- Web Development: HTML, CSS, JavaScript (for portfolio and commercial websites)
- Key Competencies: Data Preprocessing, Statistical Analysis, Supervised/Unsupervised Learning, Feature Engineering, Real-Time Dashboards, ETL Pipelines

Key Competencies

- Data Preprocessing and Cleaning
- Statistical Analysis and Hypothesis Testing
- Supervised and Unsupervised Learning Models
- Feature Engineering and Model Optimization
- Building Dashboards for Real-Time Insights

Soft Skills

- Analytical Thinking
- Collaboration and Teamwork
- Adaptability
- Communication

Languages

- English
- Hindi
- Marathi
- German - A1 level

Achievements

- Published a research paper on "Enhancing Business Insights through Machine Learning" at a reputed journal.
- Improved the UI/UX for a college platform, leading to a 30% increase in user engagement.
- Successfully deployed real-time dashboards in freelance and academic projects, recognized by peers and faculty.

Certifications

- Data Science and Machine Learning Specialization – Coursera
- Google Data Analytics Certificate
- Tableau Desktop Specialist Certification
- Fundamentals of Data Engineering Masterclass – (Self-Paced Course)

Professional Experience

Data Analyst (Freight Analytics)

Assurance Freight Pvt. Limited, Marol Naka, Mumbai
June 2023 – September 2023

- Analyzed freight data to reduce processing time by 15% using data-driven insights.
- Deployed Power BI dashboards for real-time freight monitoring, enhancing stakeholder decisions.
- Cleaned and preprocessed data with Python and SQL for high-quality analysis.

Freelance Data Scientist & Web Developer

Self-Employed | 2022 – Present

- Delivered 2-3 AI-driven web projects, boosting user engagement by 25%.
- Built a portfolio website showcasing data science visualizations with Python and JavaScript.
- Designed scalable analytics solutions using Tableau and Power BI for clients.

Academic & Research Projects

VizPro: Real-Time Tracking Dashboard and Prediction Studio
Final Year Project | Thakur College | 2024 – Present

- Developed a data platform with Python, Apache Spark, and dbt for real-time analytics.
- Created a Tableau dashboard with 90% accurate predictive models for trends.
- Implemented ETL pipelines, reducing data inconsistencies by 20%.

AI-Powered Chatbot with Conversational Learning

Independent Project | 2023

- Built a chatbot using Llama 3.1 and Hugging Face, improving accuracy by 30%.
- Applied NLP (SpaCy, NLTK) for sentiment analysis and text summarization.

Ola Ride Analytics Dashboard

Portfolio Project | 2023

- Built an analytics solution with SQL, Python, and Power BI for ride trends.
- Optimized queries to improve processing efficiency by 18%.

NLP Sentiment Analysis on Amazon Reviews

Academic Project | 2022

- Used scikit-learn for classification, achieving 85% accuracy on preprocessed data.