

# Vishal Srivastav

[LinkedIn](#) • [Github](#)

## PROFESSIONAL SUMMARY

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Data-focused professional with 1+ years of experience in Python, SQL, machine learning evaluation, and analytics automation. Skilled in ETL workflows, dashboarding (Power BI, Tableau), and large-dataset analysis to deliver actionable business insights. Experienced in evaluating ML models, improving data quality, and supporting data-driven decision-making.

## EDUCATION

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<b>Other</b> (Computer Applications) National Post Graduate College Lucknow	2018 - 2021 Grade: 7.1/10.0
<b>Intermediate (Class XII)</b> Rani Laxmi Bai Memorial School	2017 - 2018 Grade: 72.0%
<b>Matriculation (Class X)</b> Rani Laxmi Bai Memorial School	2015 - 2016 Grade: 9.4/10.0

## EXPERIENCE

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**Machine Learning Engineer** November 2025 - Present  
Angstrom Education Pvt. Ltd. *Remote*

- Evaluated machine learning model outputs for accuracy, consistency, and logical relevance.
- Tested model behaviors across edge cases and varied input patterns to assess robustness.
- Identified prediction errors, data-related issues, and unexpected model responses.
- Documented findings and shared structured feedback to improve overall model performance.
- **Data and ML:** EDA, Feature Engineering, Model Evaluation, NLP, A/B Testing

**Software Developer** October 2022 - October 2025  
Boggl.ai *Remote*

- Leveraged Python, SQL, and Excel for data analysis and automation, boosting feature adoption by 15% through data-driven design.
- Built a lifecycle tracking system with SQL and Excel, cutting release cycle time by 20% through real-time KPI insights.
- Aligned data analysis with strategic goals to boost team efficiency and ensure timely, high-quality product rollouts.
- **Skills:** Python, SQL, Pandas, Excel, Power BI, AWS, Git.

## INTERNSHIPS

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**Data Scientist** February 2026 - Present  
Aligned Automation Service Private Limited *Pune*

- Built an end-to-end AI-driven system that converts natural language prompts into fully functional full-stack applications using **Claude (Anthropic)** and **Model Context Protocol (MCP)**.
- The system intelligently refines user requirements, generates backend (FastAPI) and frontend (React) code, validates and auto-heals issues, and optionally deploys the application. It also integrates with Jira to automatically create Epics, Stories, and tasks based on project specifications.
- Designed a multi-step conversational workflow that enables users to generate, validate, review, and deploy code seamlessly through a chat interface.
- Applied Celonis process mining and PQL to uncover process inefficiencies, reduce cycle times, and improve operational performance.

## PROJECTS

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**Ai Chat Bot** February 2026

- Built an **end-to-end GenAI chatbot** using **RAG** for accurate, context-aware responses.
- Integrated **LangChain** + **FAISS** for efficient semantic search and retrieval.
- Deployed **LLaMA 3.2 (1B) locally** to ensure privacy and low system requirements.
- Developed backend with **Flask** and interactive UI using **Streamlit**.

- Showcased strong skills in **LLM integration and production-ready GenAI system**

### Electric Vehicle Sales Analysis ( [Github](#) ) ( [Demo](#) )

February 2025

- Conducted a comprehensive analysis of electric vehicle sales, examining data across different countries and models, to provide insights on market trends and growth opportunities.
- Performed data cleaning and analysis on the electrical vehicle database.
- Extracted valuable insights on battery electrical vehicle, hybrid electrical vehicles, countries, average electric range etc, through multiple queries.

**Skill:** Data Analysis, SQL, Excel, Power Query, Power Pivot,

### Reaturant Revenue Prediction ( [Github](#) ) ( [Demo](#) )

April 2021

- Conducted exploratory data analysis to identify revenue-driving factors, customer behavior trends, and market influences.
- Implemented NLP-based sentiment analysis to extract insights from customer feedback, aiding in strategic decision-making. Designed an A/B testing framework to optimize marketing efforts.
- Maintained detailed experiment documentation, ensuring reproducibility and consistency in analysis.
- **Skills:** Python - Pandas, NumPy, Matplotlib, Seaborn, NLP, A/B Testing, Git.

## CERTIFICATIONS

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### Deloitte Australia Data Analytics Job Simulation Forage ( [Link](#) )

April 2025

- Completed Deloitte job simulation in data analysis and forensic tech, using Excel and Tableau to derive insights and build dashboards.

### Certificate in Data Science and Machine Learning CODEGRIP ( [Link](#) )

April 2021

- Completed a data science certification covering ML, stats, and visualization using Python and key libraries like Pandas, Sklearn, and Seaborn.

## SKILLS

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**Computer Languages:** Machine Learning, Python, CSS, SQL

**Data Tools:** NumPy, Power BI

**Software Packages:** Pandas, Matplotlib, Figma, Chart.js, React, MySQL

**Soft Skills:** Verbal/nonverbal communication, Decision-making, Creativity, Critical Thinking, Communication Skills

**Others:** AWS, Jira, Microsoft Office, Spreadsheet, LLM, Generative AI, LangChain, OpenAI API, API testing, GenAI, LangGraph, Swagger