

SUSHIL CHAVAN

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 [Portfolio](#)

SUMMARY

Results-driven Data Analyst and Machine Learning Engineer with **1+ year of experience** at **Gamaka Intellectual Machines**, specializing in **data analytics, NLP, and process automation**. Skilled in **Python, Power BI, Tableau, and SQL**, with a proven record of improving data efficiency through **automated ML pipelines** and **interactive dashboards**. Dedicated to applying **data-driven insights** and **machine learning solutions** to optimize business performance and decision-making.

EXPERIENCE

Data Analyst **Gamaka Intellectual Machines**

 **10/2024 – Present**  **Pune**

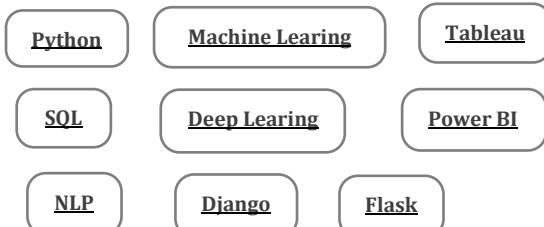
A company specializing in AI-driven data intelligence and automation solutions.

- Designed and deployed **5+ automated data pipelines**, enabling faster and cleaner data processing for analytics and reporting.
- Created **10+ interactive Power BI and Tableau dashboards**, improving data visibility and decision-making efficiency by **35%**.
- Processed and analyzed **500+** data records using Python, Pandas, and Matplotlib to extract actionable insights.
- Collaborated with cross-functional teams to deliver custom analytics solutions, reducing manual reporting time by **30%**.
- Contributed to developing an AI-based data agent that reduced data preprocessing time by **40%**, enhancing workflow automation.

EDUCATION

B-Tech in Artificial Intelligence & Machine Learning **G H Raisoni College of Engineering and Management Jalgaon** **11/2022 - 06/2026**

SKILLS



PERSONAL INFO

- Passport details – Applied
- Marital status – Unmarried
- DOB – **06/04/2005**

PROJECTS

Car Suggestion Web Application

- Built a **smart recommendation system** that suggests cars based on user preferences such as **body type, budget, safety rating, age, family size, desired features, and fuel type**.
- Utilized a dataset of **29+ car models** to train the recommendation engine.
- Integrated the **Machine Learning model** with a **Django web interface** to deliver **real-time, personalized car suggestions** based on user-selected filters.

LexiMind

- Created an **NLP-based web app** to classify **17K+ Indian legal judgments (1949–2025)** with **~92% accuracy**.
- Used **Sentence Transformer embeddings** for semantic similarity search and efficient case retrieval.
- Deployed on **Hugging Face Spaces** with an optimized inference pipeline for scalable real-time processing.

Data Analyst AI Agent (LLaMA-4 Powered)

- Developed a **multi-format AI-powered agent** capable of analyzing **CSV, PDF, DOCX, and image files**.
- Performed **automated exploratory data analysis (EDA)** and **natural-language Q&A** using the **LLaMA-4 model** via the **Together API**.
- Enabled **instant analysis of 9 files across various formats**, producing visual reports, summaries, and insights automatically.

Udemy Analytics Dashboard

- Designed an **interactive Power BI dashboard** analyzing Udemy course data to uncover insights on **ratings, enrollments, and revenue**.
- Applied **DAX measures and data modeling** to visualize trends and assist in strategic decision-making.

KEY ACHIEVEMENTS

- Built and deployed LexiMind**, an NLP-based legal intelligence system — generated a structured dataset (**CSV**) from **17K+ Indian legal judgment PDFs** and achieved.
- Delivered projects using a diverse tech stack spanning Power BI, Tableau, Django, NLP (Transformers), and Generative AI (LLaMA-4).
- Developed **AI-powered data agent** that automated file analysis (CSV, PDF, DOCX, Images) and **reduced preprocessing time by 40%**, improving workflow automation.