

SUSHIL CHAVAN

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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

Python

Machine Learning

Tableau

SQL

Deep Learning

Power BI

NLP

Django

Flask

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.