SUSHIL CHAVAN

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Detail-oriented **Data Analyst Intern** with hands-on experience at **Gamaka Intellectual Machines**, specializing in **data cleaning, exploratory data analysis (EDA), and dashboard development**, with strong exposure to **machine learning and NLP projects**. Proficient in **Python, Pandas, Scikit-learn, TensorFlow, SQL, and Power BI**, with experience analyzing **4K–8K+ row datasets** and building **data-driven and ML-based solutions** for real-world problems.

EXPERIENCE

Data Analyst Intern

Gamaka Intellectual Machines Pune (July 2025 – Dec 2025)

- Developed and supported **Power BI dashboards** using **DAX** and data relationships.
- **Cleaned, transformed, and analyzed large datasets (4K–8K rows) using Pandas and SQL**.
- Performed **EDA** to identify trends, outliers, and KPI-driven insights.
- Ensured data quality through **validation, preprocessing, and automation scripts** in Python.

SKILLS

- **Programming & Data: Python, SQL**, **Pandas, NumPy, Statistics, EDA, Data Cleaning, Feature Engineering**
- **Machine Learning & AI: Scikit-learn**, **TensorFlow**, **NLP**
- **Visualization & BI: Power BI**, **Tableau, Matplotlib, Seaborn, Excel**
- **Tools: Git, GitHub, Jupyter Notebook**

PROJECTS

1. LexiMind — Legal Document Intelligence System

- Built an ML model to **predict the legal judgment category** with ~92% accuracy.
- Used **Sentence Transformers** to retrieve the **Top-5 semantically similar judgments** from a **17K+ case database**.

2. Data Analyst Agent (LLM + EDA)

- Developed an **LLM-powered data analysis assistant** to perform automated EDA and answer queries on CSV, Excel, PDF, and image-based datasets.
- Enabled faster insight generation through **natural language querying**.

3. DogCat Classifier (CNN)

- Built a **CNN-based image classification model** using TensorFlow to classify dog and cat images.
- Applied image preprocessing, model training, and evaluation techniques.

4. Smart Farming with Drone Imaging

- Analyzed **drone imagery** to generate **NDVI heatmaps and segmentation maps** for crop health monitoring.
- Classified agricultural zones into healthy, moderate, and stressed regions.

EDUCATION

G H Raisoni College of Engineering and Management, Jalgaon *2022 - 2026*

B-Tech in Artificial Intelligence & Machine Learning