

JAYESH KANDAR

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EDUCATION

Master of Science in Data Science

Nilkamal School of Mathematics, Applied Statistics and Analytics, SVKM's NMIMS, Mumbai

2024 - Present

CGPA - 8.68/10

Bachelor of Science in Data Science

Symbiosis Skills and Professional University, Pune

2020 - 2023

CGPA - 8.24/10

Senior Secondary - 12th (HSC)

Shri Fattechand Jain Vidyalaya and Junior College, Pune

July, 2020

Percentage - 76.77 %

Senior Secondary - 10th (SSC)

Vidya Niketan English Medium School, Pune

May, 2018

Percentage - 79.20 %

INTERNSHIP

Data Science Intern

Nov 2023 - May 2024

Virtual Sense Global Technologies, Pune

- Collected and processed over **5 million multi-source sensor readings** to enable early **anomaly detection** and informed **experimental risk analysis**, streamlining data acquisition for high-quality insights.
- Automated **data cleaning** and **standardization pipelines** using **Python**, cutting manual processing time by **60%** and ensuring **consistent, analysis-ready datasets**.
- Collaborated with hardware and QA teams to **calibrate and align sensor outputs** with ground truth via Kubios software, **increasing validation accuracy by 20%**, and **engineered statistical features** that directly supported **risk-aware analytics** and **model development**.

Cloud Data Intern

Jan 2023 - Oct 2023

AlgoAnalytics, Pune

- Built a secure **Python-based Azure Function App** for **user authentication**, and participated in the **refactoring** of platform-specific code from **Azure to AWS services** as part of a large-scale **cloud migration initiative**.
- Performed **load testing** of backend tasks running simultaneously in a pipeline, using **Docker containers** and enforced **cloud resource governance** by developing **AWS Config rules** for consistent **tagging** and **cost monitoring**.
- Researched, authored, and published a comprehensive technical article on **AWS Kendra**, showcasing its **intelligent enterprise search features** and **practical business applications**.

PROJECTS

Real-time Weather Report System– Python | Azure Databricks | Power BI

Aug 2025

- Designed and deployed, a real-time, end-to-end data pipeline for real-time weather data using **Azure Databricks** and **Azure Functions** to ingest API data.
- Streamed and processed data through **Event Hub** and **Microsoft Fabric** for live analytics, storing results in **Kusto DB**.
- Built an interactive **Power BI** dashboard and configured **Data Activator** to trigger instant alerts for extreme weather events.

Credit Risk Analysis – Python | Logistic Regression | Decision Tree

Jul 2025 - Aug 2025

- Developed a **predictive model** to identify **high-risk loans** using **Lending Club data**. Performed **WOE/IV-based feature engineering**, **binning**, and **variable transformation** for interpretability.
- Trained logistic regression and decision tree models**, achieving **83% accuracy** and **ROC-AUC of 0.84**.
- Visualized performance using **ROC curves** and **confusion matrix**; leveraged **statsmodels** for detailed insights.

AI Document Assistant (RAG) – Python | Flask | Ollama | FAISS | LLMs

Dec 2025 - Jan 2026

- Developed a local, privacy-focused RAG application for Tata Motors using **Flask**, **Ollama**, and **FAISS**, enabling semantic search across multiple PDF/TXT documents. Implemented **hybrid PDF parsing (Docling/PyMuPDF)** and **recursive chunking** to optimize retrieval accuracy on consumer hardware (CPU-only). Integrated context-aware indexing to handle multi-file queries with high precision.

CERTIFICATIONS

- Introduction to Microsoft Azure Cloud Services | **Coursera**
- Python Basics – **HackerRank**
- SQL Basics | **HackerRank**

July 2023

Aug 2025

Aug 2025

SKILLS

Python | SQL | Statistics | PowerBI | PowerPoint | Excel | AWS | Machine Learning | Docker

NILKAMAL SCHOOL OF MATHEMATICS, APPLIED STATISTICS AND ANALYTICS, SVKM'S NMIMS, MUMBAI