

Nirmit Kasodariya

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE SUMMARY

Aspiring **Data Scientist / Machine Learning Engineer / Data Analyst / Data Engineer** with hands-on experience in **machine learning, predictive modeling, data visualization, and data science**. Skilled in **Python, SQL, Power BI, Tableau, ETL and Statistical Analysis** with proven ability to build accurate models and deliver business insights. Experienced in handling **real-world datasets** and developing **end-to-end analytics solutions** across domains such as **education, sales, and agriculture**.

EDUCATION

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| Bachelor of Technology in Artificial Intelligence and Data Science | 2022 to 2026 |
| K J Somaiya Institute of Technology, Mumbai | |
| SSC ST. Lawrence High School, Borivali | 2008 to 2020 |
| 10th Boards percentage- 91.60% | |

WORK EXPERIENCE

Data Science Intern – Codsoft IT Services, Mumbai (Nov 2024 – Dec 2024)

- Built ML models (Iris Classification, Sales Forecasting, Movie Rating Prediction) with 90%+ accuracy.
- Improved prediction speed and data handling efficiency by 30%.
- Conducted data wrangling and visualization for actionable insights.

AI/ML Intern – K J Somaiya Institute of Technology, Mumbai (Jun 2024)

- Designed sentiment analysis dashboard using Power BI & MindsDB for 5,000+ reviews.
- Applied ML algorithms on real-world datasets to improve model evaluation.
- Streamlined data preprocessing and training workflow.

Analyst Intern – Insybit, Delhi (Sept 2025 – Present)

- Developed and refined prompts for conversational AI agents using Eleven Labs.
- Improved response accuracy and naturalness through modular prompt design.
- Optimized voice interactions for smoother, human-like conversations.

PROJECTS

Student Performance Prediction: Built a machine learning model to predict student performance using features like CGPA, attendance, and test scores. Achieved over 85% accuracy using Decision Tree, helping identify at-risk students for early intervention. [Github](#)

Sales Prediction: Sales prediction involved forecasting the amount of a product that customers will purchase, taking into account various factors such as advertising expenditure, target audience segmentation, and advertising platform selection. [Github](#)

Yield Prediction: Developed a machine learning model to predict agricultural crop yield based on factors such as soil type, temperature, rainfall, and fertilizer usage. Utilized regression algorithms and data preprocessing techniques to enhance prediction accuracy. Integrated the model into a user-friendly interface for practical usability by farmers and stakeholders. [Github](#)

Plant Disease identification: Built a deep learning-based image classification model to detect and identify plant diseases from leaf images. Employed Convolutional Neural Networks (CNN) for accurate disease recognition, achieving high classification accuracy. Enabled early disease diagnosis to support precision agriculture practices. [Github](#)

KEY SKILLS

Programming & Analytics: Python, R, SQL, Power BI, Hadoop, MindsDB, NumPy, Pandas, Scikit-learn, Tensor Flow, Keras, Tableau, Prompt Engineering.

Machine Learning & AI: Predictive Modeling, Deep Learning, NLP, Computer Vision, Time-Series Forecasting.

Tools & Frameworks: Jupyter Notebook, VS Code, Colab, Git/GitHub, Flutter, Firebase, CAD, ETL.

Other Skills: Agile, Project Management, Leadership, Team Collaboration.

CERTIFICATIONS

Data Analysis with R Programming: [Coursera](#)

Supervised Machine Learning: Regression and Classification: [Coursera](#)

EXTRACURRICULAR ACTIVITIES

Organising Co-ordinator, Student's Council, KJSIT: Managed cultural and sports events with 1,000+ attendees, overseeing budgeting, scheduling, and coordination.

President, Society for Data Science, KJSIT: Contributed to my team for conducting and organising three seasons of 36 hours offline hackathon (KNOWCODE).