

# SANDEEP KUMAR

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## Skills

- Data Structures and Algorithms
- Python Programming
- Machine Learning
- Deep Learning
- SQL
- Django Web Development
- Java Programming
- Probability Distributions
- Graph Theory
- Time Series Analysis
- Natural Language Processing
- R Programming

## Experience

### Target

Aug 2025 – Present

*Business Intelligence Analyst*

*Bengaluru, Karnataka*

- Developed dynamic dashboards with drill-down capabilities to unlock store-level insights and support data-driven decisions.
- Resolved data discrepancies across large, multi-source datasets, strengthening data accuracy and operational reliability.
- Analyzed emerging patterns such as pest-control demand trends across stores to guide strategic interventions.
- Collaborated with cross-functional stakeholders and presented actionable insights aligned with organizational priorities.

### Target

Feb 2025 – Aug 2025

*Data Analyst Apprentice*

*Bengaluru, Karnataka*

- Executed end-to-end automation for the Zero Waste Tracker using Python, SQL, Greenfield, and Power Apps—covering API extraction, data cleansing, and monthly reporting for sustainability metrics like diversion rates and food-waste reduction.
- Built and optimized machine learning models using GridSearchCV, achieving 94% accuracy and improving automated data categorization workflows.
- Created advanced dashboards with drill-down views, resolved large-scale data mismatches, and improved match-rate accuracy to 99.1%.
- Analyzed operational trends across stores, including pest-control patterns, to support strategic planning.
- Collaborated directly with stakeholders, communicated insights effectively, and aligned project outcomes with Target's pillars—Growth, Responsibility, and Goals.
- Completed trainings in workplace ethics, cybersecurity, business communication, and learned tools like Maximo to manage operational data.

## Education

### CDAC Bangalore

2024 – 2025

*Joint Program with CDAC Bangalore in Quantum Machine Learning and Big Data*

*Bangalore, Karnataka*

### CHRIST (Deemed to be University), Lavasa Campus

2023 – 2025

*Master of Science in Data Science*

*Pune, Maharashtra*

### Patna Science College, Patna

2020 – 2023

*Bachelor of Science in Statistics*

*Patna, Bihar*

## Projects

### Potato and Tomato Plant Disease Detection

2023 – 2025

- Developing a machine learning model using TensorFlow to detect diseases in potato and tomato plants.
- Collecting and analyzing a dataset of plant leaf images for training a Convolutional Neural Network (CNN).
- Integrating the model into a Django-based web platform, allowing users to upload images for disease prediction.

### Credit Risk Management System

AI/ML Hackathon 1.0, Parul University

- Developed a Django-based platform enabling users to register, log in, check loan eligibility, and access gold price predictions.
- Implemented models such as Decision Tree, Linear Regression, and XGBoost for managing credit risk.
- Project organized by myOnsite Healthcare in collaboration with Parul University, supported by MedinovAI and JBT Hospitality.

### Contribution to Let Us Dream Triennial International Conference 2023

November 2023

- Participated in the conference at Christ University, Bangalore, held from November 3-5, 2023.
- Analyzed feedback data as part of a live project at CHRIST Infotech to derive insights for future community initiatives.