Sandeep Kumar

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sandeepkumar3869.github.io/PORTFOLIO/

INTERNSHIP

Data Analyst Apprentice Feb 2025- Aug 2025

Target | Bengaluru, Karnataka

- During my apprenticeship at **Target**, I gained hands-on experience in **data analysis, automation, and visualization** using tools like **Python, SQL, Greenfield, and Power Apps**. I worked on projects such as the **Zero Waste Tracker**, where I automated **API data extraction, cleaning, and monthly reporting** for sustainability metrics like **food waste and diversion rates**. I also built **ML models** (achieving **94% accuracy**) and optimized data categorization using **GridSearchCV**. Additionally, I created **dynamic dashboards** with drill-down features, resolved **data discrepancies** in large datasets, and analyzed trends like **pest control demand** across stores. My role involved **stakeholder collaboration**, presenting insights, and ensuring data accuracy (e.g., improving match rates to **99.1%**). I also learned **Maximo for data**, attended trainings on **workplace ethics, cybersecurity, and business communication**, and aligned tasks with Target's core pillars: **Growth, Responsibility, and Goals**. This experience strengthened my **technical skills (Python, SQL, APIs)**, **analytical thinking**, and **professional adaptability** in a corporate environment.

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 analysing 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

- 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.

Food Recipe Website **August 2023**

- Developed a fully functional website using Django, including user authentication and CRUD operations.
- Enabled seamless interaction by allowing users to create, read, update, and delete content related to recipes.

EDUCATION

Master of Science in Data Science Aug 2023 - July 2025
CHRIST (Deemed to be University), Lavasa Campus

Bachelor of Science in Statistics Aug 2020 - July 2023
Patna Science College, Patna

12th Grade (CBSE) 2017 – 2019
Army School Danapur Cantt

10th Grade (CBSE) 2016 – 2017
Army School Danapur Cantt

SKILLS

Machine Learning| Deep Learning| Django Web Development| Java Programming | Graph Theory | Time Series Analysis | Natural Language Processing| Python Programming | Data Structures and Algorithms GitHub Actions | Project Management | Communication | Leadership | Time Management | Adaptability | Problem Solving |R Programming

Leadership / Extracurricular

Geo Innovation Challenge July 29-31, 2024
Sophia Girls' College (Autonomous), Ajmer, Rajasthan, India

- Focused on geospatial technologies to empower women.
- Collaborated with the Department of Geography and DST-NGP, Govt. of India.
- Contributed to workshops and sessions, driving innovations in geospatial technologies.