Sameer Nandesh Wanjari

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Technical Skills

Languages: C++20, Python, SQL
Developer Tools: VS Code, Google Colab, Jupyter, Anaconda
Technologies/Frameworks: MySQL, NumPy, Pandas, Matplotlib, Scipy, Seaborn, Scikit-learn, PyTorch, NLTK, Spacy, MS Excel (Intermediate), PowerBI, OOPs, Transformers (Basics), BERT (Basics), LLMS, Generative AI
Version Control: Git, GitHub
Areas of Interest: Machine Learning, Deep Learning, Natural Language Processing, Data Analytics, Web Development, Data Structures, Algorithms

Education

Indian Institute of Technology Banaras Hindu University(IIT BHU), Varanasi *2021 – 2026*
BTech+MTech in Engineering Physics

Experience

Data Analyst Intern *Remote*
KRIV Technologies *May 2024 – June 2024*
- Conducted exploratory data analysis (EDA) using Python, uncovering patterns, trends, and actionable insights.
- Applied advanced statistical models to support data-driven decisions and improve business strategy.
- Created interactive dashboards and visualizations using Power BI to present findings effectively to stakeholders.

Projects

Early Skin Disease Detection
- Built a multi-layered CNN model using MobileNet (88 out of 91 layers) with 97% accuracy to classify skin diseases into 7 categories and 5 subcategories.
- Created a custom skin dataset using face images from the UTK-Face Dataset and implemented data preprocessing and cleaning pipelines.
- Applied transfer learning via TensorFlow and Keras for effective model training.

NLP Text Classification for Philosophical Text
- Built a deep NLP model using LSTM and Word2Vec to classify philosophical text with 80% accuracy over 10 classes.
- Conducted extensive data cleaning, bigram analysis, and vector modeling using Gensim and NLTK.
- Created word frequency tables and explored ideological tendencies based on input text.

Predicting Delivery Order Cancellations
- Predicted delivery cancellations from a 470K+ order dataset (3% imbalance) using class-weighted models and preprocessing.
- Achieved AUC-ROC scores of 0.81 (public) and 0.83 (private).
- Created sub-reports on rider, order, and combined analysis using Matplotlib and Seaborn.

Positions of Responsibility

Public Relations Head *Aug 2023 – Nov 2023*
FMC Weekend 10th Edition, IIT (BHU)
- Managed a 30-member team to invite guests and manage hospitality for the 10th edition of FMC Weekend.
- Secured co-sponsorships and developed partnerships through negotiation and outreach.
- Led social media campaigns with Instagram influencers, growing the official page's followers by 1000+.

Marketing Head *Mar 2024 – May 2024*
Jigyasa, IIT (BHU)
- Led and executed marketing strategies, increasing event participation and engagement through digital campaigns and outreach.
- Managed a team of X members to create promotional content and secure sponsorships, enhancing brand visibility.
- Analyzed audience data to refine strategies, improving marketing ROI and social media engagement.

Achievements & Extracurricular Activities

- Worked as a Chegg Subject Matter Expert for Physics — resolved student queries and supported exam preparation.
- Provided mentorship and guidance to school students for academic and career planning.
- Passionate about education, mentoring, and solving real-world problems through data and analytics.