Nidhi Tiwari

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Education

- **Dwarkadas J. Sanghvi College of Engineering**   **2021 - 2025**
  B. Tech in Artificial Intelligence and Machine Learning
  CGPA: 8.72
- **Thakur College of Science and Commerce**   **2019 - 2021**
  HSC: 87.5 %
- **Ryan International School**   **2019**
  CBSE: 91.4%

Projects

Loan Default Prediction (Data Analytics)
- Conducted Exploratory Data Analysis (EDA) using Python with Pandas, Numpy, Matplotlib, and Seaborn to identify factors influencing loan defaults and inform lending decisions.
- Managed data cleaning and analysis, including null value handling, column removal, standardization, and outlier identification.

Email Spam Classifier (NLP)
- Developed an email spam classifier using machine learning, comparing models like Naive Bayes variants, KNN, and XGBoost.
- Used TFIDF for text vectorization, Seaborn and Matplotlib for visualization, and built a Streamlit for real-time spam detection.

Sahayta (Flask, Deep Learning)
- Advanced fire safety through the development of a system using the YOLO (You Only Look Once) deep learning algorithm to detect fires in camera feeds with high accuracy.
- Integrated the system with Flask to create a user-friendly web application, facilitating quick and efficient fire detection and response.

Experience & Internships

UFO Moviez   **June 2024 – Present**
Intern – Software Development
- Assisting in the development and maintenance of T-SQL queries for data retrieval and manipulation.
- Designing and implementing Power BI dashboards for call logs and installation metrics, enhancing data visualization and decision-making.
- Performing calculations and data verification using SQL to ensure accuracy.

Achievements

- Selected for External Engagement Program by JPMorgan Chase & Co.   **2023-2024**
  Completed training in Python, NLP, Agile methodology, and personal branding, gaining insights into industry practices.

Additional Qualification and Certifications

- **Honors in Immersive Technology**   **2025**
  Dwarkadas J. Sanghvi College of Engineering
- **Supervised Machine Learning: Regression and Classification**   **2024**
  Coursera

Skills & Interests

- Programming Languages: Python, Java, C
- Database: MySQL, T-SQL
- Libraries and Frameworks: TensorFlow, Matplotlib, Scikit-learn, Pandas, Keras, Flask
- Technical Skills: Machine Learning, Deep Learning, NLP, Computer Vision
- Other Skills: MS Excel, MS Word, Power BI

Extracurricular Activities

- Committee member (creatives) for DJSCE TRINITY   **2022-2023**