Daksh Malik

Aspiring AI/ML Engineer

dakshmalik935@gmail.com | github.com/daksh-malik32

PROFESSIONAL SUMMARY

Computer Science and Engineering undergraduate specializing in Data Science and Artificial Intelligence at SRM University, Delhi-NCR. Project work includes PyTorch neural networks, recurrent models, and Python data analysis. Interested in AI/ML engineering, AI-powered products, and entrepreneurship; currently exploring Transformers and large language models.

EDUCATION

B.Tech in Computer Science and Engineering

Specialization: Data Science / Artificial Intelligence | SRM University, Delhi-NCR

Expected graduation: 2028 | Current CGPA: 8.27

TECHNICAL SKILLS

Programming: Python, SQL
Data Analysis: NumPy, Pandas, Matplotlib, Seaborn
Machine Learning: Scikit-learn, supervised machine learning, model evaluation
Deep Learning: ANN, CNN, RNN, LSTM, GRU
Currently Exploring: Transformers, large language models (LLMs)

PROJECTS

MNIST Handwritten Digit Prediction | github.com/daksh-malik32/MNIST_ANN

Trained a PyTorch ANN on MNIST to classify handwritten digits from 0 to 9; added a Streamlit image-upload interface for predictions.

Technologies: Python, PyTorch, Torchvision, Streamlit, Pillow, Matplotlib

Plant Disease Detection | github.com/daksh-malik32/PlantDiseaseDetection_CNN

Built and trained a PyTorch CNN on PlantVillage leaf images to classify 15 disease classes; added a Streamlit image-upload interface.

Technologies: Python, PyTorch, Torchvision, Streamlit, PIL, Matplotlib

Electricity Demand Forecasting | github.com/daksh-malik32/Electricity-Demand-Forecasting

Compared RNN, LSTM, and GRU models to forecast next-hour household electricity use from the previous 24 hourly Global_active_power readings.

Technologies: Python, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, Streamlit

IPL Data Analysis | github.com/daksh-malik32/IPL-Data-Analysis

Cleaned and integrated IPL datasets for season, match, team, and player analysis, then performed exploratory analysis and created visualizations.

Technologies: Python, Pandas, NumPy, Matplotlib

INTERESTS

AI/ML research, AI-powered products, finance and investment technology, entrepreneurship, automobiles, and cricket.