Sneha Ghosh

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🔗 https://personal-portfolio-project-kohl.vercel.app/ **in** Sneha Ghosh ⚙ SnehaGhoshNew2003

Overview

As a final-year B.Tech student, I am focused on deepening my knowledge in machine learning, deep learning, and AI. With hands-on experience in data science, I am eager to apply my skills to real-world challenges and contribute to innovative projects in the tech industry.

Education

College of Engineering and Management, Kolaghat   *2021- 2025*
B.Tech in Information Technology

- GPA: 8.14

Kendriya Vidyalaya Ranaghat   *2021*
Class 12

- Percentage: 87.4

Kendriya Vidyalaya Ranaghat   *2019*
Class 10

- Percentage: 85.8

Skills

Technical Skills : Python, SQL, Statistics, Probability, Linear Algebra, Calculus
Technical Tools : Power BI, Excel, Numpy, Pandas, Matplotlib, Scipy(Beginner), statsmodels(Beginner), Seaborn, Tensorflow, Keras
Soft Skills : Adaptability, Growth Mindset, Open to feedbacks, Communication Skills

Projects

Yoga Pose Detection and Prediction   *github.com/name/repo* ⧉

- Developed a real-time deep learning-based system to detect and classify yoga poses from images or video frames.
- Implemented `YOLO` for real-time body part detection and pose localization.
- Utilized `VGG16` with transfer learning for accurate classification of various yoga poses.

Plant Disease Prediction   *github.com/name/repo* ⧉

- Developed a neural network to predict the condition of a plant from images.
- Implemented `CNN` and used libraries like `numpy`, `tensorflow`, `keras`, `Pillow`.

Sentiment Analysis   *github.com/name/repo* ⧉

- Developed a neural network to predict the Sentiment of the reviews.
- Preprocessed the data using `Tokenizer` and `pad_sequences`.
- Implemented `LSTM` for text classification.

Olympic Analysis   *github.com/name/repo* ⧉

- Performed data cleaning and visualisation using Exploratory Data Analysis.
- Created three sections of `Medal tally`, `Overall Analysis`, `Country wise Analysis`

Dashboards

Hospitality Domain: Creating a Hospitality Domain Analysis using Power BI [**See it here**]

Sales Analysis: Creating a Sales Insight using Power BI. [**See it here**]