Subesh Upadhyay

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Skills

Languages: Python, Java, C++
Frameworks: Numpy,Pandas,Matplotlib,Seaborn,TensorFlow,Scikit-learn
Tools/Platforms: Anaconda, Jupyter Lab, Google colab, Git/ Github
Soft Skills: Problem-Solving, Analytical thinking, Adaptability

Projects

House Price Prediction| Github link| live link June – July 2025

- Developed a regression model to predict house prices based on California housing data
- Preprocessed data, handled missing values, and trained multiple regression models. Used feature scaling and model selection to improve accuracy.
- Achieved R^2 score of 0.575 and Mean Squared Error of 0.556. Built visualizations to analyze feature importance and prediction errors.

- Tech:- Python,Pandas,Numpy,Scikit learn,Matplotlib, Seaborn,Jupyter Notebook

MNIST Digit Classification| Github Link | Live Link April – May 2024

- Created a neural network to classify handwritten digits from the MNIST dataset.
- Preprocessed images, normalized pixel values, and built a feedforward neural network using TensorFlow/Keras. Trained model and evaluated accuracy with validation data.
- Achieved high classification accuracy with clear visualizations of sample predictions, training history, and confusion matrix.
- **Tech**: Python, TensorFlow, Keras, NumPy, Matplotlib, Seaborn, Jupyter Notebook

Certificates

- Complete 2025 Python Bootcamp: Learn Python from scratch – link May 2025 – July 2025

- **The Ultimate Job Ready Data Science Course- link**

March 2024- April 2024

Education

Lovely Professional University Punjab, India
Bachelor of Technology - Computer Science and Engineering; ***CGPA: 6.3*** *Since August 2020*

Sunbeam School Sultanpur Sultanpur, Uttar Pradesh
Intermediate; ***Percentage: 68*** *April 2018 - March 2020*

Sunbeam School Sultanpur Sultanpur, Uttar Pradesh
Matriculation; ***Percentage: 88*** *April 2017 - March 2018*