Mamta Sharma

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Education

Netaji Subhash University of Technology/ B. Tech in CSE (Big DataAnalytics)
August 2020 - July 2024, New Delhi, India *GPA: 7.0*

Sarvodya Kanya Vidyalaya / CBSE XII (Science)
April 2019 - March 2020, New Delhi, India *76.8%*

Sarvodya Kanya Vidyalaya / CBSE X
April 2017 - March 2018, New Delhi, India *79%*

Skills

Programming/Scripting Languages: Python, C, JavaScript, HTML
Libraries: Matplotlib, NumPy, Pandas, React.js, OpenCV.
Tools / Platforms: Git, DBMS, MySQL.
Fields: NLP, Big Data Analytics, Web Dev.

Projects

Link Prediction and community detection |Link *[NLP, Python, ML]*
- ➔ The project aims to provide a comprehensive analysis of a restaurant dataset by integrating link prediction and community detection techniques, revealing relationships and community structures within the dataset.

Energy Consumption Prediction | Link *[NLP, Python, ML]*
- ➔ The project involves analyzing energy consumption data, exploring patterns and trends to gain insights, and leveraging historical data to predict future energy usage using an LSTM model.

Virtual Personal Assistant | Link *[Python, ML]*
- ➔ The Python script enables voice-based user interaction by utilizing speech recognition modules, performing various tasks such as opening applications, retrieving information, sending messages, and providing weather and news updates, while leveraging advanced modules for text-to-speech conversion, API requests, and configuration management for enhanced functionality and seamless integration with external services.

Railway Management System | Link *[Python, MySQL]*
- ➔ The project utilizes MySQL as the backend database to store and retrieve relevant information, while providing a user-friendly interface with options for screen clearing, menu display, and program information to facilitate ticket booking, reservation cancellation, fare checking, and train availability for a railway system.

Certificates

Python - **Udemy**
Learn MySQL – **Udemy**