Yugeshwar Pothuganti

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PROJECTS

Virtual Mouse using python language   June 2023

- Mouse Control: Moving the cursor, clicking, dragging, and scrolling using PyAutoGUI.
- Gesture Detection: Using OpenCV and Mediapipe to detect hand gestures or facial movements.
- Coordinate Mapping: Translating detected gesture positions into screen coordinates.
- Event Handling: Capturing user gestures and triggering mouse actions.

Cryptocurrency price forecaster   March 2024

- Gather historical price data, market data, sentiment analysis, and macro-economic indicators.
- Create features from time series data, sentiment scores, technical indicators, and transaction data.
- Normalize data, handle missing values, and apply smoothing techniques.
- Choose from regression, time series, machine learning, and deep learning models.
- Split data into training and test sets, use cross-validation, and optimize hyperparameters.
- Assess using RMSE, MAE, MAPE, R-squared, and backtest with historical data.
- Implement real-time data ingestion, ensure scalability, and monitor model performance.

EDUCATION

2021 - present	Bachelor of Technology in **Computer Science and Engineering** -Malla Reddy college of Engineering and Technology |Maisammaguda	(CGPA: 8.43)
2019 - 2021	Intermediate -SR Junior College | Boduppal	(GPA: 94.8)
2019	Secondary School Certificate at Dr.Hr High School | Kodada.	(GPA: 9.3)

SKILLS

Technical Skills

- Programming Languages: Java, Python, C (Intermediate),Data Structures and Algorithms(Intermediate)
- Web Development: HTML, CSS, JavaScript (Intermediate)
- Version Control: Git, GitHub
- Databases: SQL
- Software: Microsoft Office Suite

CERTIFICATIONS

- Cambridge B2 level.
- WD-101 Introduction to JavaScript by pupilfirst school.
- Getting started with git and GitHub by Coursera.
- I have completed the Course in Nptel in Progamming in Java.