Stock Price Prediction Using Machine Learning

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A Dissertation Submitted to
SRI VENKATESWARA COLLEGE OF
ENGINEERING AND TECHNOLOGY,
An Autonomous Institution affiliated to
'JNTU Ananthapur' in Partial Fulfilment of
the Bachelor of Technology (*Computer
Engineering*) with Specialization in
*Artificial Intelligence and Machine
Learning.*

May 2024

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

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Problem Statement Definition:

Share Price Estimation Of TOP 5 GPU Companies

The objective of this project is to estimate the share prices of the top 5 GPU companies in the market using historical data and current market trends. The aim is to develop a predictive model that can forecast the future prices of these companies based on their historical performance and other relevant factors. The model should take into consideration various economic indicators, industry trends, company financials, and other relevant data to make accurate predictions. The analysis should be performed using statistical and machine learning/ Deep learning techniques and the results should be presented in a clear and concise manner. The final output of the project will be a report outlining the predicted share prices of the top 5 GPU companies in the market, along with an analysis of the factors that have contributed to their performance.

Technical Architecture: