***A Project Report***

***On***

# STOCK PRICE PREDICTION USING LSTM



Submitted in partial fulfillment of the Requirements for the award of the degree of

# MASTER OF COMPUTER APPLICATIONS

**SUBMITTEDBY**

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### DEPARTMENT OF MCA

**ADITYA ENGINEERING COLLEGE**

# An Autonomous Institution

Approved by AICTE, Affiliated to JNTUK &Accredited by NBA, NAAC with ‘A’ Grade Recognized by UGC under the sections 2(f) and 12(B) of the UGC act 1956 SURAMPALEM- 533437, E.G.Dt, ANDHRA PRADESH.

**2019-2022**

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**CERTIFICATE**

This is to certify that the project work entitled, **“STOCK PRICE PREDICTION USING LSTM”** is a bonafide work of **CHEKKA VVSN MANI KUMAR** bearing Regd.No:**19A91F0004** submitted to the faculty of Master of Computer Applications in partial fulfillment of the requirements for the award of the degree of **MASTER OF COMPUTER APPLICATIONS** from Aditya Engineering College, Surampalem for the academic year 2021-2022.

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# DECLARATION

I here by declare that the project entitled **“STOCK PRICE PREDICTION USING LSTM”** submitted to **ADITYA ENGINEERING COLLEGE, SURAMPALEM** has been carried out by me alone under the guidance of **Mr.K.C.PRADEEP.**

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# ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mention of people who made it possible, whose constant guidance and encouragement crowned our efforts with success. It is a pleasant aspect that I have now the opportunity to express my gratitude for all of them.

The first person I would like to thank is my guide **Mr.K.C.PRADEEP, M.Tech, Assistant Professor, Department of MCA**, **Aditya Engineering College, Surampalem.** His wide knowledge and logical way of thinking have made a deep impression on me. His understanding, encouragement and personal guidance have provided the basis for this project. He is a source of inspiration for innovative ideas and his kind support is well known to all his students and colleagues.

I wish to thank **Mrs.D.Beulah.,M.Tech,.(Ph.D) Head of the Department, Aditya Engineering College, Surampalem,** who has extended her support for the success of this project.

I also wish to thank **Dr.M.Srinivasa Reddy**, **Principal, Aditya Engineering College, Surampalem,** who has extended his support for the success of this project.

I would like to thank all the **Management &Technical Supporting Staff** for their timely help throughout the project.

**ABSTRACT**

# ABSTRACT

Stock is an unpredictable curve. Prediction in stock market is covered with the complexity and instability. The main aim for the persuasion of the topic is to predict the stability in the future market stocks. Many researchers have performed their research on the movement of future market evolution. Stock consists of fluctuating data which makes data as an integral source of efficiency. Impact on the same chances the efficiency of the prediction. In the recent trend of Stock Market Prediction Technologies machine learning has integrated itself in the picture for deployment and prediction of training sets and data models. Machine Learning employs different predictive models and algorithms to predict and automate things of requirement. We are applying a LSTM approach for predicting future values on a short term basis.

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