Attention-based CNN-LSTM and XGBoost hybrid model for stock prediction

A Seminar Report
(Term Paper)

Submitted by

ADITHYAN B ASOK

CUAVCMF002

DEPARTMENT OF COMPUTER SCIENCE
UNIVERSITY OF CALICUT

2022

DECLARATION

I hereby declare that this seminar report entitled "**Attention-based CNN-LSTM and XGBoost hybrid model for stock prediction**" has been prepared by me in partial fulfillment of the requirement for the Master of Computer Science degree by University of Calicut. I also declare that this seminar report has not been submitted by me fully or partially for the award of any other degree, diploma, title or recognition.

PLACE:UNIVERSITY OF CALICUT

DATE: ADITHYAN B ASOK

CUAVCMF002

DEPARTMENT OF COMPUTER SCIENCE
UNIVERSITY OF CALICUT

CERTIFICATE

*This is certify that this seminar report entitled "**Attention-based CNN-LSTM and XGBoost hybrid model for stock prediction**" is submitted to University of Calicut in partial fulfillment of the requirement for the award of the degree of Master of Computer Science, is a record of original work done by **ADITHYAN B ASOK** during the year 2022 in the Department of Computer Science under my supervision and guidance.*

Faculty Guide   **HOD**

RAMYA CHANDRAN

ACKNOWLEDGEMENT

I am very happy to express my sincere gratitude to our head of the department Mrs. **Manjula K A** for permitting me to undertake this seminar work.

I owe a great deal to Mrs. **RAMYA CHANDRAN**, department of computer science, University of Calicut for the motivation, constant encouragement and kind suggestions in every step throughout the seminar work.

Place:

Date: ADITHYAN B ASOK