A PROJECT REPORT ON

"STOCK MARKET PREDICTION USING MACHINE LEARNING"

Submitted in partial fulfillment for the award of the degree of

Masters of Information Technology By

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CERTIFICATE

It is hereby certified that the project work entitled **"STOCK MARKET PREDICTION USING ML"** is a bonafide work carried out by **SAGEER YOUSF PANDITH, ASIF HUSSAIN, VAZEERA AND UMAR** partial fulfillment for the award of **Masters in information technology** of the **Information Technology Department of Kashmir University** during the year **2018-2021.** It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

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Signature of Guide ***Signature of Director***

(Dr. Majid Zaman) ***(Dr. Maroof Qadri)***

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. The Paper focuses on the use of Regression and LSTM to predict stock values.

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