

CRYPTO CURRENCY MARKET PRICE PREDICTION USING DATA SCIENCE TECHNIQUE

A Project Report

Submitted by

112818104016

K.B.GOWRI SANKAR

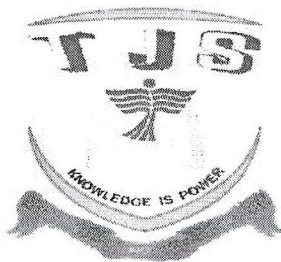
112818104034

P.MARIMUTHU

112818104035

S.MOSES STEPHEN ARULRAJ

**In partial fulfilment for the award of the degree of
BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**



T.J.S ENGINEERING COLLEGE

PERUVOYAL (NEAR KAVARAIPETTAI)

GUMMIDIPONDI TALUK

THIRUVALLUR DISTRICT - 601206

Approved by AICTE and Affiliated to Anna University, Chennai



ANNA UNIVERSITY: CHENNAI 600 025

JUNE 2022




PRINCIPAL

T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipeetai,
Gummidipondi Taluk,
Thiruvallur Dist - 601 206.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certificate that this project report "CRYPTO CURRENCY MARKET PRICE PREDICTION USING DATA SCIENCE TECHNIQUE" is the bonafide work of the following students.

112818104016

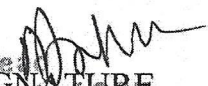
K.B.GOWRI SANKAR

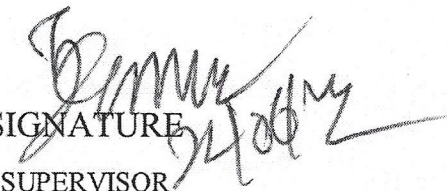
112818104034

P.MARIMUTHU

112818104035

S.MOSES STEPHEN ARULRAJ


SIGNATURE
Head of the Department
T.J.S. Engineering College
Peruvoyal, Kavaraipeṭṭai.
Dr. S. Anbu, M.E., Ph.D.,
Professor and Head of the Department,
Thiruvallur Dist-601 206
Department of CSE.


SIGNATURE
SUPERVISOR

Mr. T.A. Vinayagam, M. Tech.,
Associate Professor,
Department of CSE.

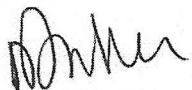
T.J.S ENGINEERING COLLEGE

PERUVOYAL (NEAR KAVARAIPETTAI)

GUMMIDIPOONDI TALUK

THIRUVALLUR DISTRICT - 601206

Submitted for viva voce held on 22-06-22 at T.J.S Engineering College, Peruvoyal.


INTERNAL EXAMINER




EXTERNAL EXAMINER

PRINCIPAL
T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipeṭṭai,
Gummidipoondi Taluk,
Thiruvallur Dist - 601 206.

ABSTRACT

Crypto currency is a digital currency wherein the coin ownership records are stored in a ledger existing in a form of a computerized database using strong cryptography to secure transaction records and to control the creation of additional coins, and to verify the transfer of coin ownership. Nowadays crypto currency are used in large scale and there is a sudden rise or decrease in their share and it is difficult to predict the price of the crypto currency. In this project a machine learning model is built to predict the price of crypto currency. The application of data science process is applied for getting the better model for predicting the outcome. Variable identification and data understanding is the main process in building the successful model. Different machine learning algorithms are applied on the pre-processed data and the accuracy are compared to see which algorithm performed better other performance metrics like precision, recall, score are also taken in consideration for evaluating the model. The machine learning model is used to predict the crypto currency outcome.




PRINCIPAL
T.J.S. ENGINEERING COLLEGE
Peruvoyal, Kavaraipettai,
Gummidipoondi Taluk,
Thiruvallur Dist - 601 206.