# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

**“Jnana Sangama”, Belagavi - 590018**

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***A PROJECT REPORT ON***

## “STOCK MARKET PREDICTION”

***Submitted in the partial fulfillment of the requirement for the award of the degree of***

## BACHELOR OF ENGINEERING

***In***

## COMPUTER SCIENCE & ENGINEERING

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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**(An ISO 9001:2008 Certified Institute)**

**(2021-22)**

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Certified that project work phase-1 entitled

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The students of **“RajaRajeswari College of Engineering”** in partial fulfillment for the award of **Bachelor of Engineering in Computer Science & Engineering** of the Visvesvaraya Technological University, Belagavi during the year **2021–2022.** 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 phase-1 prescribed for the Seventh semester.

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### 1.

**2.**

# ABSTRACT

The stock market is an intriguing assiduity to study. There are colorful variations present in it. Numerous experts have been studying and probing on the colorful trends that the stock market goes through.

One of the major studies has been the attempt to prognosticate the stock prices of colorful companies grounded on literal data Vaticination of stock prices will greatly help people to understand where and how to invest so that the threat of losing plutocrat is minimized.

The proposed system works in two styles – Regression and Classification.  
In Regression, the system predicts the ending price of stock of a company.  
In Classification, the system predicts whether the ending price of stock will increase or drop the coming day.

We also use Sentiment Analysis as a supporting factor to determine request sentiment of a particular stock as user sentiment plays a huge part in determining stock prices.

i

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ii

# CONTENTS

|  |  |  |
| --- | --- | --- |
| **SL.NO** | **TITLE** | **PAGE NO** |
| 1. | INTRODUCTION | 1 |
|  | 1.1 Existing System | 1 |
|  | 1.2 Proposed System | 1 |
|  | 1.3 Motivation | 2 |
|  | 1.4 Objectives of The Work | 2 |
| 2. | LITERATURE SURVEY | 3 |
| 3. | SYSTEM REQUIREMENT AND SPECIFICATION | 7 |
|  | 3.1 System Analysis | 7 |
|  | 3.2 Functional Requirement | 8 |
|  | 3.3 Non-Functional Requirement | 9 |
|  | 3.4 Tools and Technology Required | 9 |
| 4. | SYSTEM DESIGN | 10 |
|  | 4.1 System architecture | 10 |
|  | 4.2 Input /Output Design | 11 |
|  | 4.3 Object-oriented design | 12 |
|  | 4.4 Algorithm | 14 |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **SL.NO** | **FIGURE NAME** | **PAGE NO** |
| 1. | System architecture | 14 |
| 2. | Use Interface Prototype | 16 |
| 3. | Sequence diagram | 17 |
| 4. | Behavioral diagram | 17 |
| 5. | Dataflow diagram | 18 |
| 6.  7. | Random Forest  Neural Network Structure with Backpropagation | 19    17 |
|  |  |  |
|  |  |  |