Smt. Kashibai Navale College of Engineering, Pune
SUBMISSION OF B.E. PROJECT PROPOSAL

DEPARTMENT: Computer Engineering
ACADEMIC YEAR: 2020-21

GROUP NO. : 2
PROJECT MEMBERS:

Roll No.	Name	Domain
420	Vishal Wankhede	Machine Learning and Business Intelligence
426	Onkar Kulkarni	
424	Harish Hatmode	
417	Pragati Bankar	

PROJECT TITLE:

"Stock Recommendations And Price Prediction By Exploiting Business Commodity Information Using Data Mining And Prescriptive Analytics Techniques ".

GUIDE: Dr. K. N. Honwadkar

Abstract :

OVERVIEW

Currently There are many algorithms for sales forecasting in machine learning technology, But Those algorithms don't have more than 50% accuracy in prediction. We will create an algorithm which will give upto 86% accuracy for sales prediction.

OBJECTIVES

1. To create an algorithm which will use best of the available algorithms in machine learning.
2. To Improve automation in business intelligence.

EXPECTED OUTCOME

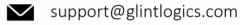An Efficient System for Sales Forecasting which can be used in Business intelligence.

PROJECT REQUIREMENTS

1. RealTime and Historical Datasets and news articles.

2. C#, asp.net , python, mysql for System Development.

REFERENCE

1. M. Elif karsligil, M.I.Yasef kaya ,"Stock Price Prediction Using Financial News Articles", Department Of Computer Engineering, Yildiz Technical University, January 2019

2. Jin Ding,Zhengyin Han, "Research on the Price Forecast without Complete Data based on Web mining", Huaiyin institute of technology,2011.

3. Qian Wang,Guo Yu, "The Analysis and Prediction of Stock Price",Internatonal School of software Wuhan University,2013.

4. Debanjan Banerjee,Suchibrota Dutta, "Predicting the Housing Price Direction using Machine Larning Techniques",Department of Management Information Systems Kolkata,2017.

5. Zhaoxia Wang,Zhiping LIN,"Stock Market Prediction Analysis by Incorporating Social and News Opinion and Sentiment" Nanyang Technological University Singapore 2018.

<u>Outward No : SPS20200813001</u>

13th August 2020

To,

The Principal,

Smt.Kashibai Navale College of Engineering

Pune- 411041

Subject: - Sponsorship Letter

Respected Sir/Madam,

We would like to hereby confirm you, that Miss.Pragati Bankar, Mr.Onkar Kulkarni, Mr.Harish Hatmode , Mr.Vishal Wankhede are students of Fourth Year Degree in Computer Engineering from your college who have been selected for carrying out the Final Year Project "Stock Recommendations And Price Prediction By Exploiting Business Commodity Information Using Data Mining And Prescriptive Analytics Techniques "**.**

The working schedule of their project will be approximately for 35 Hrs. per week, beginning from 06th August 2020. The details and scope of this project will be provided to them from the beginning of their tenure at the company facility till the external exam.

Congratulations and welcome to the Team!

Regards,

Director

Mr. Mohit Bhalgat M.

Glint Logic Pvt. Ltd

Pune

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