A

Project Report

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SIGN LANGUAGE RECOGNITION SYSTEM WITH SMART GLOVE USING ARDUINO

Submitted to

Department of

Computer Science and Engineering

By

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project entitled **"SIGN LANGUAGE RECOGNITION SYSTEM WITH SMART GLOVE USING ARDUINO"** is submitted by SURAM KEERTHI(206Y1A6648), KADARLA VAAGDEVI(206Y1A6626), GUNDA SHIVATEJASWINI(206Y1A6622) and BURNA AKSHAYA(206Y1A6607) to the department of Computer Science and Engineering during academic year 2022-23.

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ABSTRACT

Developing an accurate prediction model for housing prices is always needed for socio-economic development and well-being of citizens. In this paper, a diverse set of machine learning algorithms such as Regression, Decision Tree, Random Forest are being employed to predict the housing prices using public available datasets. The housing datasets of 13,335 records are obtained . The records are publicly available and include the real estate or economic database, maps, and other associated information. Then, the housing price prediction models using machine learning techniques are developed and their regression compared. Finally, an improved housing price prediction model for assisting the housing market is proposed. Particularly, a house seller or buyer, or a real estate broker can get insight in making better-informed decisions considering the housing price prediction.