**ABSTRACT**

The "Stock Price Prediction" project focuses on using Artificial Intelligence and Machine Learning (AIML) to forecast stock prices. By analyzing historical stock data and employing a smart predictive model, the project aims to provide accurate insights into potential future stock trends. The approach involves training a model on a dataset, splitting it into training and testing sets, and fine-tuning the model to enhance its predictive capabilities. The resulting model is then applied to unseen data for evaluation. This project is valuable for investors and financial analysts, offering a tool to make informed decisions based on predicted stock trends. The outcomes are presented through visual representations, comparing predicted and actual stock prices, making the complex task of stock prediction more accessible and understandable.