PipDynamics

An AI-Based Forex Market Analysis & Trading Recommendation System

Abstract

The Forex market is highly dynamic and involves continuous price fluctuations, making trading decisions challenging for manual traders. Traditional trading methods depend on experience and manual analysis, which can be timeconsuming and may lead to inaccurate decisions. To overcome these issues, this project proposes **PipDynamics – An AI-Based Forex Market Analysis & Trading Recommendation System**.

The system uses historical and real-time Forex market data to analyze price trends and market behavior. Machine learning techniques are applied to study important technical indicators such as Moving Averages, RSI, MACD, and Bollinger Bands. Based on this analysis, the system predicts market direction and provides trading recommendations such as buy, sell, or hold.

Additionally, the system helps traders understand market volatility and potential risk before making decisions. By automating market analysis and prediction, PipDynamics reduces human effort and improves decision accuracy. Overall, this project aims to support traders by providing intelligent, datadriven insights for effective and reliable Forex trading.

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