



DMI ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Department of Artificial Intelligence & Data Science PROJECT REVIEW REPORT

Student Details:

- **Student Name :** Arun Maniyan .S(960622243004), Murugan.V(960622243020). Kajenthiran .K(960622243016).
- **Programme & Branch :** B.Tech / Artificial Intelligence & Data Science
- **Year & Semester :** IV Year / VIII Semester
- **Academic Year :** 2025 – 2026

Project Details:

- **Project Title :** PIPDYNAMICS AN AI-BASED FOREX MARKET ANALYSIS & TRADING RECOMMENDATION SYSTEM
- **Project Domain :** Financial Technology
- **Guide Name & Designation :** Mrs.M.R.Geetha & Assist Prof
- **Review Number :** First
- **Date of Review :** 08/01/2026

Objectives of the Project:

- To analyze foreign exchange market data using artificial intelligence techniques..
- To predict forex price movements using machine learning models..
- To generate automated and reliable trading recommendations
- To reduce dependency on manual and paper-based verification.

Work Carried Out (Since Last Review):

- **Literature Survey completed:** YES
- **Problem definition and requirement analysis:** Completed
- **Design / Implementation / Testing (tick as applicable) :** Implementation *Add details if required:*

Methodology / Tools Used:

- **Programming Language:** JavaScript / Python
- **Tools / Frameworks :** MetaTrader, Scikit Learn, VS code.
- **Database / Platform:** MT5 (Meta Trader 5)



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Progress Status:

Percentage of Completion: 50%

1. **Modules Completed:**
 - a. Collection and preprocessing of historical forex market data.
 - b. Integration of live forex price data from trading platforms.
 - c. Generation of forex price movement predictions.
 - d. Feature extraction and quantitative analysis using ml models
 - e. Automated trading recommendation generation (Buy/Sell/Hold).
 - f. Display of real-time predictions and recommendations through the user interface.

- **Output / Results:** 50% Completed

Add details if required:

- **Difficulties / Constraints Faced:**
 - a. Understanding machine learning model behavior and tuning.
 - b. Integrating live forex data with the web application.

Plan for Next Review : Enhancing the user interface and trading dashboard

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Guide's Remarks:

Review Committee Decision: Satisfactory Needs Improvement Repeat Review

Marks: /

Project Guide Sign

HOD Sign

