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TradeMate: A Comprehensive Trading Performance and Strategy Tracking Platform

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Abstract

The rapid growth of individual traders in volatile markets like cryptocurrency and Forex highlights the need for a structured trading approach. Many traders, especially beginners, lack organized trade journaling, leading to missed learning opportunities, poor strategy optimization, and ineffective risk management. Emotional biases such as revenge trading and FOMO further harm long-term profitability. To address this, TradeMate was developed as a web-based platform that helps traders improve decision-making, strategy development, and trading discipline.

To address these challenges, TradeMate allows users to log their trades, evaluate performance, and analyze their strategies over time. It also incorporates with real-time emotional bias alerts, strategy backtesting, and comprehensive risk management tools, such as position sizing and stop-loss calculators. The platform's interactive dashboard visualizes key performance metrics, including risk/reward ratios, win/loss distributions, and equity curves, providing traders with actionable insights to improve their trading habits. Additionally, the platform's Playbook module organizes and refines trading strategies, while the tagging system enables easy categorization and retrieval of past trades for detailed analysis.

Initial testing of TradeMate received positive feedback, with users valuing its ability to identify performance trends and manage emotional biases like revenge trading and FOMO. By combining behavioral finance principles with advanced data visualization, the platform provides real-time insights into strategy performance, helping traders refine approaches, optimize risk, and improve discipline. These features support smarter decision-making and sustainable profitability, fostering long-term success in volatile markets.

Subject Descriptors (from ACM):

• Information systems -> Data management systems -> Financial data management -> Trade analytics

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