Study of moving average methods and application to SJC gold price forecasting

Ha Vinh Quang

Abstract: This topic focuses on analyzing and applying moving average methods to forecast SJC gold prices. The context for choosing this topic stems from the high volatility of the gold market, requiring effective methods to support investment decisions. The objective is to build an accurate forecasting model to provide strategic information for investors and gold trading businesses. The research methodology includes both the theory of moving averages and empirical analysis using historical SJC gold price data. The expected results will confirm the high applicability of this method in forecasting the gold market, thereby contributing to improving investment efficiency and risk management.

Keywords: moving average, gold price forecast, financial market, gold investment, risk management