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(57) Abstract :
A personalized investment recommendation system powered by artificial intelligence (AI), further comprises a communication interface, configured to receive plurality of user data including financial goals, investment preferences, and risk tolerance and a processor 102 capable of analyzing vast amounts of financial data, including historical market trends, company financials, news, and social media sentiment, by employing advanced algorithms and machine learning techniques to extract valuable insights from the data; and generate personalized investment recommendations based on the user data using the trained AI algorithm.The personalized investment recommendations comprise a variety of investment options, including stocks, bonds, mutual funds, and exchange-traded funds (ETFs). The AI algorithm comprises machine learning techniques to continually refine the investment recommendations over time as the user continues to invest and update their financial information. A feedback mechanism to monitor the effectiveness of the investment recommendations and improve the performance of the system. The investment recommendations are personalized based on the user's tax situation, investment horizon, and other relevant factors.

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