



WILL AI REPLACE ME?

Trader

Banking, Finance, Insurance, Real Estate

Artificial intelligence and automation have already profoundly transformed trading, especially high-frequency trading, where algorithms execute transactions in a matter of milliseconds. Algorithms are also used to analyze massive volumes of real-time data and make buying or selling decisions.

However, for some complex and strategic transactions, as well as risk and ethics governance, human judgment remains indispensable. Overall, trading is one of the most automated professions in the financial sector.

Automation degree: 60%

Strong Impact of AI on this Job



Main tasks

This section reviews the 3 main tasks associated with the job studied and assesses the potential level of automation induced by AI (« **AI Automation Impact** »). The modeling uses 8 criteria detailed on the « **Methodology** » page.

Tasks	AI Automation Impact
Buy and sell financial instruments, such as stocks, bonds, currencies, or commodities, based on market opportunities.	High
Continuously analyze economic data, financial news, and market trends to make informed decisions.	High
Manage risks associated with transactions, adhering to limits set by the bank or financial institution.	High

Impact on skills

At-risk Skills ↓	
Quantitative analysis	The advent of high-frequency trading algorithms and automatic analysis systems is impacting the quantitative dimension of analysis. These are gradually being replaced by algorithms capable of analyzing vast amounts of data at a speed that humans cannot match
Trend monitoring	Algorithms can now automatically monitor markets 24/7, detect the slightest price movements, and trigger transactions based on predefined criteria. This reduces the need for human traders to constantly monitor real-time data, as AI can handle this task with greater precision and speed.
Future-proof Skills ↑	
Risk management	Even though algorithms can assist in risk assessment, human judgment remains crucial. Traders must be able to evaluate market scenarios, anticipate the consequences of unforeseen global events, and apply nuanced understanding of human behavior and economic motivations
Data interpretation	Although algorithms can now analyze news to adjust their trading strategies, the ability to understand context, interpret ambiguous information, and predict human reactions to major events remains a distinctly human skill.

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