From AI in Robotics to AI in Finance: Examples and Discussion

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After many years of research in academia on AI and autonomous robots, for the last three years, I have been the head of AI research at JPMorgan. During all this time, I have looked at many challenges with an AI approach, addressing knowledge, representation of states, actions, behaviors, planning, multiagent interactions, learning. In this talk, I will share several interesting problems that we have encountered and solutions that we devised in AI in Robotics and AI in Finance. I will focus on examples and will discuss AI planning, execution, teamwork, and learning and their potential of great applicability and great impact in real domains.

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