

Banking secret, superbillionaires and IA

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OK, so we have a bunch of superbillionaires playing games with ants, I mean, people, because they are not under check. They can buy or threaten everybody, leave a trace of millionaires and then send Leprechauns to recover their treasure. They can keep themselves anonymous and satisfy all their whims because they have so much money that nobody counts, at least not poor people, like those who have less than one billion dollars. But the banking secret is sacred, so there`s not much to do...

To solve this problem intelligent agents are the perfect solution. Banking accounts are kept in banking systems distributed around the world. These databases can be read by specially designed tamperproof interpreters hosting mobile intelligent agents. Each agent is composed of executable code, knowledge bases and data, all of which travels through the wire, in encrypted form, according to the agent`s needs and decisions. The hosts itself provide enough intelligence to manage transit and distribute knowledge to other hosts (availability, QOS, agent successes, resources, multitasking, encryption, etc.). The agents are composed of a hybrid AI system comprising NN, ES and FL analyzing banking data to uncover patterns that denote suspicious money, like sudden big amount transfers, name changes, steady accumulation of resources, account depletion and closing, name changes, unexpected deceases, persistent transfers to the same account, etc. The agent establishes levels of suspiciousness and decides when and where to transfer itself to follow resources or when to spawn or call other agents to monitor suspicious accounts. An initial learning period would determine (by using a learning mechanism and training) patterns of usage that corresponds to legitimate, honest accounts; this can be done with human intervention and counseling, though crosschecked with other agents to avoid deceitful training. Once an agent finds a suspicious account it locks on it and performs a traversing of the network with its data until it either finds a point of accumulation (not necessarily an account, but a human individuality) or gives up the hunt when resources are found to follow normal usage. Hosts can maintain sveral hypothesis and serve to guide agents in their traversing. Once a match is confirmed, it is published, in a distributed manner to avoid hiding the information.

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Several architectures can compete according to successes or failures, though once an agent is installed it should not be able to be modified to avoid tampering with its data.unsucesful architectures (strains) can be dropped relatively to more successful, new architectures. These ideas can be further refined, of course.