

Artificial Intelligence for Business



Machine learning (supervised/unsupervised)



Lecture 7

Professor: Asror Norov



Smart Contracts: Ethereum



DOW JONES INDUSTRIAL AVERAGE



SOURCE: Yahoo Finance

BUSINESS INSIDER

DAO: Distributed Autonomous Organization

- ◎ DAO: the most popular Smart Contracts platform
- ◎ A DAO is “a tightly packed collection of smart contracts written on the Ethereum blockchain”
- ◎ A DAO’s smart contracts amount to a series of by-laws that determine how its constituency — anyone around the world

DAO: Distributed Autonomous Organization (cont.)

◎ Ether: Entry Token used to:

- Record transactions
- Vote on outcomes
- Purchase other tokens within the ecosystem

◎ Transactional process (sharding)

- Top level retains “master ledger”
- Lower level nodes run Proof of Stake
- Much more efficient from a scaling perspective (compared to Bitcoin simple Proof of Work)

Other Blockchain Applications



Other Blockchain Applications

◎ Issuing Stocks and Bonds

◎ Insurance



◎ Land Registries

◎ Supply Chain Integrity



Q&A

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