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Where is my ~~Money~~ Data?

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Session 9: The Data Revolution



Money, Data, CyberSecurity



- ▶ What do they have in common?
- ▶ Being a professor, I obviously have an opinion...



A Lesson from Computer Security

- ▶ Cyberattacks are impossible to detect. **Why?**
- ▶ Because **present systems are so hard to monitor**
- ▶ We miss **situational awareness**



Situational Awareness in Finance

- ▶ Follow the money.
 - When possible, it solves problems
 - Businesses and Citizen are more protected
- ▶ Auditability is crucial.
 - Obfuscation leads to fraud & failures
- ▶ “follow the money”+ auditability:
situational awareness



Situational Awareness: Big Data

- ▶ Follow the data!
 - Key to protect business and citizens
 - Data has value
- ▶ (Data) Auditability
 - Not new, but there is only theory
 - Obfuscation leads to fraud & failures
- ▶ “Follow the data”+ Data Auditability: situational awareness
- ▶ It is an Enabler



QUESTIONS?

