

SYSTEMS DESIGN ENGINEERING

Financial Forensics Using Data Mining

SYDE 730 - *Topic 7*

Spring

Reading Course: (three students)

Financial forensics involve meticulous application of financial auditing to detect anomalies which is extremely labor intensive and hence error prone, expensive, and time consuming. There are new data mining tools available now which are good in detecting anomalous patterns in data. In addition, parallel and distributed computing can help enormously in the application of data mining to fraud detection. This course will explore appropriate case studies to study the suitability of data mining to this important and immediate problem.

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