



THE UNIVERSITY OF
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Department of Statistics

MASTER'S THESIS PRESENTATION

JINYI HUA

Department of Statistics
The University of Chicago

Development of Fraud Detection with Statistical Method

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ABSTRACT

Fraud detection has been evolving rapidly in the past decades. Before 2013, fraud detection focus mostly on industry, using either supervised or unsupervised methods to detect fraudulent activities. Starting from 2013, fraud detection in academia drew the public attention: Statisticians such as Uri Simonsohn stepped in this field and proposed a new method to detect academic fraud. In this paper, I analyzed the two academic fraud detection cases and also tried some popular machine learning tools for credit card fraud detection.