Future Learn

Certificate of Achievement

Juanita Downey

has completed the following course:

THE DATA EXPLOSION AND ITS IMPACT ON FRAUD DETECTION
KOGOD SCHOOL OF BUSINESS AT AMERICAN UNIVERSITY

Explore the origins of the current data explosion and learn the implications on fraud and fraud detection.

3 weeks, 2 hours per week

Jeff Rinehart

Professor Jeff Rinehart
Executive-In-Residence in the Information Technology & Analytics Department
Kogod School of Business at American University

Casey Evans

Professor Casey Evans
Executive-In-Residence in the Accounting and Taxation Department
Kogod School of Business at American University

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Discover how data is helping detect fraud and learn how to use data yourself. The increase in data is what's known as the data or information explosion and it has fundamentally transformed every sector of the global economy. But it's also transformed another area: fraud. In this course you will learn about how the data deluge has been harnessed to detect fraud in new ways. You'll master the skills to harness big data yourself, learning how to use data to tell stories, and create presentations.

STUDY REQUIREMENT
3 weeks, 2 hours per week

LEARNING OUTCOMES
• Articulate the developments that have fueled the data explosion
• Describe how data has impacted fraud and fraud detection
• Identify the nature of fraud, its victims and its perpetrators
• Apply knowledge to a hands-on experience by identifying potential fraud and building a data-driven presentation to present your findings

SYLLABUS
• Developments that have led to the current 'Data Explosion'
• Key concepts in fraud and fraud detection
• The 'Fraud Triangle' and how to leverage it in spotting fraud
• The science of perception and how to build great data-driven visuals and presentations.

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