Fraud Detection using Predictive Analytical Techniques

■ Duration: 1 day

Target Audience

This course is designed for anyone whose business would profit from tighter controls on fraud and the risk of fraud.

Prerequisites

In addition to a strong desire to improve your business, experience with Clementine, data modelling or data mining would be helpful.

Overview

Criminals will go to extraordinary lengths to make easy money and, increasingly, one of the most popular criminal operations is fraud. For many businesses today, it is vital to keep one step ahead of the fraudsters, and this SPSS training course has been planned to deliver both high level information and detailed content on how SPSS Predictive Analytics can help businesses detect and prevent fraud.

Thanks to Predictive Analytics, a leading insurance company has been able to detect claims with suspicious characteristics and reduce payouts on fraudulent claims. In addition to this they have also improved customer experience by fast tracking the settlement of non fraudulent insurance claims. Meanwhile, retailers are using Predictive Analytics to detect customer and internal employee fraud. Several large banks are also deploying Predictive Analytic capabilities to detect fraud in online card transactions -- the primary channel for card fraud in countries that have introduced chip and PIN.

This course gives a practical overview of how to apply Predictive Analytics to improve Fraud Intelligence.

Course Content

- An Introduction to Fraud
  - What is fraud?
  - Examples of fraud
- How Predictive Analytics can combat fraud
  - Making the most of your data
  - Using email information
  - Using models to detect unusual behaviour
  - Types of fraud models
- Retail fraud
- ATM fraud
- Insurance fraud
- Telco fraud

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