

IBM Safer Payments Hands-On Modeling Training (V6.5)

Course#: 6A530G

Duration: 24 Hours

Price: 2800.00

Course Description

IBM Safer Payments is an innovative real-time payment fraud prevention and detection solution for all cashless payment types. IBM Safer Payments provides not only model capabilities based on inbuilt tools, but also the option to import externally built fraud models for real-time decisioning. In this course, all of the IBM Safer Payments model capabilities are presented in details. The following modelling concepts are covered: index, profiling techniques (with and without index sequence), model components comprised of rulesets, PMML, Python and Internal Random Forest, elements of the simulation environment including Rule Generation and Internal Random Forest, as well as the sampling techniques. All these concepts will be followed by the hands-on exercises that students are expected to complete.

Objectives

Refer to course overview.

Audience

IBM Safer Payments users (Fraud Analysts, Fraud Investigators and optional: System Administrators), IBM Lab experts, and IBM Business Partners

Prerequisites

Business Knowledge

Some Familiarity with statistical models

Understanding Safer Payments Data Inputs concepts

Content

Mandator Structure and its elements

Sandbox Environment

Modeling Concepts in Safer Payments

Index for Profiling

Profiling based on index with sequence

Profiling based on index without sequence

Profiling using Formula

Ruleset, Rule Creation, and Rule Action

Simulation Workflow

Simulation: Data Selection and Sampling techniques

Simulation: Attribute usage

Simulation: Queries

Simulation: Rule Analysis

Simulation: Rule Performance

Simulation: Rule Scoring

Simulation: Rule optimization

Inbuild Model Components: Rule Generation

Inbuild Model Components: Random Forest

Supported external Model Components: PMML

Supported external Model Components: Python

Collusion Algorithm