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Sign up

Tazama training: Open-source fraud detection

2 days (14 hours)

Presentation

Discover our Tazama training course, a technology that will enable you to detect fraud on your transactions at lower cost.

This real-time monitoring tool is the result of a collaboration between the Linux Foundation and the Bill & Melinda Gates Foundation. This open-source technology will enable a large number of companies to protect their payment systems.

Online payment fraud is a real scourge, and combating it is a [priority for successful digital transformation](#). Our training program will teach you, in depth, how to use this electronic payment prevention system. After presenting the technology, we'll teach you how to [install Tazama](#) and configure its various components.

Objectives

- Install Tazama
- Configuring key Tazama components
- Detect transaction fraud in real time

Target audience

- Cybersecurity Analyst
- Developers
- Finance professionals
- Data analysts
- Data scientists

Prerequisites

- Knowledge of fraud detection
- Computer skills

Hardware requirements

- A Windows machine at your disposal
- Docker Compose installed

OUR TAZAMA TRAINING PROGRAM

Introduction

- What is Tazama?
- Why use Tazama?
- Typologies
- The rules

Installation

- Deploying a rule processor from a test branch on Docker Compose
- Deploying Tazama on Docker Compose

Configuring key components

- TMS API and data preparation
- Channel router and configuration processor (CRSP)
- Rules processors
- Type processor
- Transaction aggregation and decision processor (TADProc)

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is confirmed, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the format selected. This

The questionnaire also enables us to anticipate any internal connection or security problems (intra-company or virtual classroom) that could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.