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Sign up

RGPD training for SQL Server

2 days (14 hours)

Presentation

Reinforcing the protection of personal data is a crucial step for any organization. Our RGPD for SQL Server training course will enable you to use SQL Server in compliance with the RGPD, so you can store and manage your most sensitive data efficiently.

During the course, you'll explore built-in security features such as Always Encrypted, Dynamic Data Masking and AIPD that are essential for RGPD compliance.

This course will immerse you in advanced concepts such as pseudonymization, anonymization and consent management, necessary to ensure respect for individual rights and regulatory obligations.

Thanks to this training, you'll be able to collect data securely and apply data protection principles to ensure the confidentiality and integrity of information.

Like all our training courses, this one will focus on the latest developments in RGPD and SQL Server.

Objectives

- Implement effective security measures to ensure RGPD compliance in SQL Server
- Classify and document stored personal data
- Understand the fundamental principles of the RGPD and their application
- Be able to monitor and audit activities in SQL Server

Target audience

- Database administrators
- Data architects
- Compliance Officers

Prerequisites

Basic knowledge of SQL Server and database management.

RGPD TRAINING PROGRAM FOR SQL SERVER

INTRODUCTION TO RGPD AND SQL SERVER

- Presentation of the General Data Protection Regulation (GDPR)
- The challenges of personal data protection
- Data governance: roles and responsibilities
- SQL Server overview
- Data Protection Impact Analysis (DPIA) in SQL Server
- Implementing RGPD principles in SQL Server

CLASSIFICATION AND DOCUMENTATION MANAGEMENT

- Data classification methods and properties
- Inventory of SQL jobs and privileges
- Identification and documentation of personal data
- Using extended properties for metadata management
- Documentation in maintaining RGPD compliance

DATA SECURITY AND RGPD COMPLIANCE

- Securing SQL Server internally and externally
- Basic principles of the RGPD and the impact on data management
- Authentication and privilege management
- Protection of personal data in SQL databases
- Implementation of Row Level Security for data filtering
- SQL security best practices : User management and authorizations

MONITORING AND AUDITING

- Audit SQL instances and databases
- Configuring and using triggers for RGPD compliance
- Monitor extended events and profilers
- Introduction to Azure Threat Detection

- Create audit reports to track access and modifications

COMPLIANCE

- Managing personal data in SQL Server: Collection, storage, processing and sharing
- Different types of compliance tools and functionalities (Data Masking, Dynamic Data Masking, Always Encrypted)
- Pseudonymization, anonymization and encryption techniques in SQL Server
- Managing consent and individual rights

RESPONSIBILITIES AND DATA GOVERNANCE

- Defining roles and responsibilities under the RGPD
- Data governance for RGPD compliance
- Develop data protection policies
- User training and awareness
- Periodic review and updating of safety policies

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 finalized, 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 for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which 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 is used to check correct acquisition.

skills.

Sanction

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