

# SECURITY AND PRIVACY FOR BIG DATA



## BE SMART, STAY SAFE – WITH EIT DIGITAL AND FRAUNHOFER SIT



Is your company's proprietary data safe? Cyber-attacks and online threats are increasingly widespread; up-to-date information about the application of security solutions in Big Data environments is necessary.

With this course, you will learn how to identify key security and data protection issues and how to apply privacy preserving methodologies in compliance with the current regulations, with a specific focus on GDPR and related implementation recommendations. You will look at significant Big Data projects with privacy-aware and security-skilled eyes, being able to recognise dangers of data breaches or data leakage. You will learn how to set in place mechanisms to manage data access controls and cryptographic principles to secure your information. By the end of the course, you will be ready to successfully plan your next Big Data project, ensuring that all security and privacy related issues are under control.



"The course Security and Privacy for Big Data will prepare you for your next project. Data security is essential for the value of your product or service. Privacy is crucial for any data processed or stored that can be associated to any individual, especially with the new data protection regulation GDPR. This course will teach you how to design your next project on a solid basis in terms of security and privacy." **DR. MARCEL SCHÄFER**, FRAUNHOFER SIT

### Objective

- Practice and implement security, privacy and GDPR solutions for Big Data projects

### Key take-aways

- Acquire general awareness on security, privacy and GDPR aspects for Big Data projects
- Train to identify key security and data protection risks
- Discover relevant security and privacy technologies
- Understand what the GDPR implies for your Big Data project
- Learn the privacy-by-design approach for Big Data environments
- Gain valuable insights from your databases without violating the privacy of your customers

### Target Group

- Big Data Project Managers, Innovation Managers, Digital Transformation Managers, Business Intelligence Managers, as well as SME decision makers involved in a Big Data environment, who need to understand how to implement security, privacy and GDPR solutions, and how such projects impact the overall strategy of a company

[more...](#) 



## Format

- **Online Package:** General awareness
- **Blended Package** (Online Package + face-to-face workshop): Full learning experience



## Content

- **Online Package:** 3 modules (video tutorials + annotated slides)
- **Blended Package:** Online Package + practical face-to-face workshop on anonymisation + a full set of assignments on Security and Privacy



## Duration

- **Online Package:** 4 hours
- **Blended Package:** 4 hours online + 2 days face-to-face



## Price

- **Online Package:** €150/seat
- **Blended Package** - Open enrolment: €1500/seat
- **In-Company** (workshop at your organization): contact us for a quotation



## Language

- English



## Certificate

- EIT Digital and Fraunhofer SIT joint digital certificate



## About EIT Digital Professional School

Investing in digital transformation skills is a top priority for society, companies and organisations today. The EIT Digital Professional School supports this with Action-Based Learning in cooperation with international partners: learning that integrates theory and practice in the actual business context. In so doing, we educate companies to develop the right leadership capacity, workforce skills and corporate cultures needed in the digital transformation; we educate individuals to up- and cross-skill their talents and to stay attractive in the labour market. We contribute to an inclusive digital society.



## About Fraunhofer SIT

Our course is created by the Fraunhofer Institute for Secure Information Technology SIT, a German leading expert for IT Security. Fraunhofer SIT develops solutions for immediate use, tailored to the customer's needs. 185 highly qualified employees covering all areas of IT security make such customised services possible. Fraunhofer SIT is active in projects for companies from all kinds of industries. Numerous successful projects carried out with international partners are the resounding proof for trustful and reliable cooperation.



ANY QUESTIONS?

NEED MORE INFORMATION?

HERE IS HOW YOU CAN REACH US:



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