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 recognize 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
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.

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 EIT Digital Professional School

About Fraunhofer SIT

ANY QUESTIONS?
NEED MORE INFORMATION?
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