Call for Interest

Workshop on Data security and privacy

Banco de Portugal and Irving Fisher Committee

Lisbon, Portugal, 14-15 September 2026

17 December 2025

Banco de Portugal and the Irving Fisher Committee on Central Bank Statistics (IFC) invite experts and researchers to express their interest in presenting at the upcoming workshop on "Data Security and Privacy".

This in-person workshop will be held in Lisbon, at Banco de Portugal's Money Museum, on 14-15 September 2026.

Topics of interest

Data governance and management have become critical pillars for modern institutions. Yet, while data security and privacy are often mentioned, their true significance cannot be overstated – they are at the very core of any effective data strategy.

Organizations today face unprecedented challenges: massive volumes of data moving at high speed, shared across countless platforms and stakeholders. Protecting this data – while ensuring it remains accessible for innovation, analytics, and AI/ML applications – is no longer optional; it's a strategic imperative. Cloud-based infrastructures add complexity, raising questions about ownership and accountability. How do we safeguard integrity without stifling collaboration? How do we enable privacy while unlocking data's full potential?

This workshop invites presenters and participants to explore and change perspectives on key challenges and solutions related to data privacy and security in data-driven ecosystems, covering a broad range of topics:

1. **Data governance frameworks and strategy**

   a. How can data privacy concepts be embedded into existing data governance frameworks

   b. The role of data owners, data protection officers and data users within the ecosystem and how these key players should interact

   c. The importance of robust metadata and data catalogues when managing sensitive data

   d. How to ensure data privacy while allowing users to explore it for everyday analytical activities

    e. Importance of data anonymization when sharing data between organizations, particularly regarding administrative data

2. **Regulatory and legal landscape**

    a. Challenges posed by data protection regulations across jurisdictions (country specific and cross-country regulations), particularly in the context of the increasing use of cloud-based solutions

    b. Impact of regulations aimed specifically at AI (such as the EU AI Act) on the landscape as a whole

3. **Topics on data anonymization**

    a. Key differences between anonymization and pseudonymization and how to determine which approach to follow

    b. Approaches to quantitative risk assessment and how to determine the appropriate level of risk tolerance in different contexts

    c. Importance of data anonymization within the context of data dissemination

4. **Privacy-enhancing technologies and tools**

    a. Advantages and limitations of traditional models such as k-anonymity and l-diversity in the modern data landscape

    b. Synthetic data generation using AI methods (generative adversarial networks, variational autoencoders), and how this type of data can be evaluated regarding fidelity and risk

    c. Using cryptography techniques such as homomorphic encryption and multiparty computation to enhance data privacy

    d. Differential privacy and how it can be leveraged for safer data sharing and dissemination

    e. Building effective data anonymization pipelines for the purposes of building AI/ML models

Submission Guidelines

Please submit a concise abstract outlining the subject and scope of your workshop presentation by 27 March, 2026, to ifc.secretariat@bis.org.

Authors of accepted communications will be notified by no later than the end of May 2026.