

## **IT Architectures for Handling Big Data in Official Statistics: the Case of Scanner Data in Istat**

In these slides the author presents the issues and challenges related to dealing with datasets of big size such as those involved in the Scanner Data project at Istat. He illustrates IT architecture backing the testing phase of the project, currently in place, and the ideas for the production architecture. The motivations behind the design are explained as well as the solutions introduced as part of a larger scope approach to the modernization of tools and techniques used for data storage and processing in Istat, envisioning the future challenges posed by the adoption of Big Data and Data Science in NSIs.

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