Multi-Owner data Sharing for Analytics and Integration respecting Confidentiality and Owner control

Fact Sheet

Project information

MOSAIcOWN

Grant agreement ID: 825333
Status Ongoing project

Start date 1 January 2019
End date 31 December 2021

Funded under: H2020-EU.2.1.1.
Overall budget: € 3 203 750

EU contribution € 3 203 750

Coordinated by: UNIVERSITA DEGLI STUDI DI MILANO Italy

Objective

The application of data analysis techniques over large data collections provides great benefits, from the personal, to the business, research, and social domain. The availability of large data collections recording actions and choices of individuals and organisations can lead to great improvement in the understanding of how the world operates. The continuous evolution of ICT is enabling the realisation of such vision at a fast pace, supporting the realisation of architectures enabling collaborative data sharing and analytics. A clear obstacle towards the realisation of such potential and vision is represented by security and privacy concerns. Indeed, the (actual or perceived) loss of control over data and potential compromise of their confidentiality can have a strong detrimental impact on the realisation of an open framework for enabling the sharing of data from multiple independent data owners. The goal of MOSAIcOWN is to enable data sharing and collaborative analytics in multi-owner scenarios in a privacy-preserving way, ensuring proper protection of private/sensitive/confidential information. MOSAIcOWN will provide effective and deployable solutions allowing data owners to maintain control on the data sharing process, enabling selective and sanitised disclosure providing for efficient and scalable privacy-aware collaborative computations. MOSAIcOWN Consortium sees the participation of major industry players, providing strategic use cases with strong exploitation and impact, and of an SME supporting deployment and standardisation.
Field of Science
/social sciences/economics and business
/natural sciences/computer and information sciences/data science/data analysis

Programme(s)
H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT)

Topic(s)
ICT-13-2018-2019 - Supporting the emergence of data markets and the data economy

Call for proposal
H2020-ICT-2018-2
See other projects for this call

Funding Scheme
RIA - Research and Innovation action

Coordinator
UNIVERSITA DEGLI STUDI DI MILANO
Address
Via Festa Del Perdono 7
20122 Milano
Italy
Activity type
Higher or Secondary Education Establishments
EU Contribution
€ 700 000

Website
Contact the organisation

Participants (5)
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<th>Organisation</th>
<th>EU Contribution</th>
<th>Activity type</th>
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<tr>
<td>Address</td>
<td>Dietmar Hopp Allee 16 69190 Walldorf</td>
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<tr>
<td>UNIVERSITA' DEGLI STUDI DI</td>
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<td>Address</td>
<td>Via Salvecchio 19 24129 Bergamo</td>
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</table>
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Route Des Lucioles 2004
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Activity type
Other

EU Contribution
€ 500 000

Website
Contact the organisation