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Conclusions

Data Economy is commonly referring to the diversity in The use of data to provide social benefits and have a direct impact in people's life, from a technological point of view data economy implies technological services to underpin the delivery of data applications that bring value and addressed the diverse demands on selling, buying and trading data assets. The demand and the supply side in the data is increasing exponentially and it is being demonstrated that the value that the data has today is as relevant as any other tangible and intangible assets in the global economy.

In this second i3-MARKET series book, we further discussed why data is the focus of current technological developments towards digital markets and the meaning of data being the next asset to appear evolved in trading markets. At the same time, it focused on introducing the i3-MARKET technology and the proposed solutions.

In this second i3-MARKET series book, we reviewed the basic technological principles and software best practices and standards for implementing and deploying data spaces and data marketplaces. The book provides a definition for data-driven society as: The process to transform data production into data economy for the people using the emerging technologies and scientific advances in data science to underpin the delivery of data economic models and services.

In this book, we discussed the technology assets that are designed and implemented following the i3-MARKET Backplane reference architecture (RA) that uses open data, big data, IoT, and AI design principles to help data spaces and data marketplaces to focus on today's data-driven society as the trend to rapidly transforming the data perception in every aspect of our activities. Moreover, the series of software assets grouped as subsystems and composed by software artefacts are included and explained in full.

Further, we described i3-MARKET Backplane tools and how these can be used for supporting marketplaces and its components. Next, we provided a description of solutions developed in i3-MARKET as an overview of the potential for being the reference open-source solution to improve data economy across different data marketplaces.