BDVA i-Space label

What are BDVA i-Spaces:

BDVA i-Spaces are Trusted Data Incubators targeted to accelerate the uptake of data driven innovation in in all economic sectors, commercial as well as in nonprofit . The expected Value includes Economical, Societal as well as Environmental dimensions.

These platform host Closed as well as Open Data from Business and Public sources.

They can deploy both commercial and open source data innovation software solutions.

The common ground of all BDVA i-Spaces is an existing infrastructure that can be organized geographic, sectorial or company specific basis, or a combination of them. ISpace entities are pre-competitive and nonprofit, though supported by a sustainable business model.

BDV-Labelled BDVA i-Spaces, beyond exchange of good practice, form a Europe-wide federation, in order to foster trans-boundary data innovation.
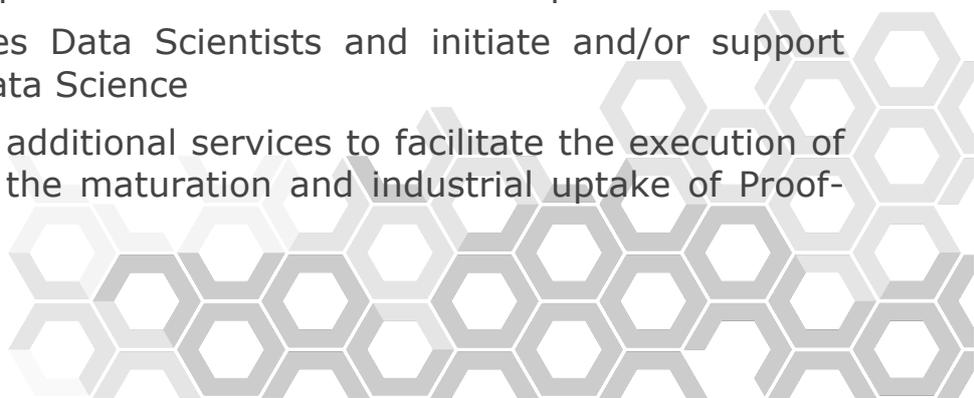
BDVA i-Spaces Resources

BDVA i-Spaces have implemented their own infrastructure with big data targeted architectures and ad hoc processing power, online storage and state of the art accelerators. Remote access is enabled with adequate network and connectivity facilities. IT security and data protection procedure often extend beyond industrial state of the art. These infrastructures are located inside Europe boundaries.

Available on demand software include tools to manage unstructured data, semi-structured data and structured data onto single platform with user-oriented retrieval and combined analytic processing and visualization tools which requires up-to-date methodological technologies

Beyond Data science and Big Data Infrastructures skills, BDVA i-Spaces maintains state of the art skills related e-security expertise in technical as well as legal and regulatory domains, they contribute to enlighten, by experimentation, roadmaps for Data Governance in Europe

BDVA I -Spaces educates Data Scientists and initiate and/or support Education programs in Data Science

I-Space may also deploy additional services to facilitate the execution of new-project ideas, drive the maturation and industrial uptake of Proof-

of-concept results, or help increate their long-term impact. Some examples: On-demand access to skilled technical resources for State-of-the-Art techniques; Leveraging their local and international ecosystem partners to mobilize BigData technology uptake and increase result dissemination; Access to State-of-the-Art domain expertise and Living Labs to support technical execution of projects; Specialized startups incubators

BDVA i-Spaces Impact

These elements contribute to position i-Spaces as trusted platform for the BDV ecosystem playing the role of sandbox for precompetitive Data Innovation Community: BDVA i-Spaces offer trusted and secure environment allowing Research, Education and Innovation stakeholder to innovate with data, acting as hubs and connect different stakeholders.

The Data Innovation community includes Data Providers (Large groups, SMEs), Data Users (Large groups, SMEs), Data Innovators (Data Scientists, Startups, web entrepreneurs) and relevant IT and Legal Services Providers. IT Providers include both open source and proprietary commercial off-the-shelf solutions. These stakeholders will together experiment before ROI is proven (pre-competitive) and move toward the industrialization of their solutions outside the BDVA i-Spaces perimeter.

BDVA i-Spaces will allow these communities to experiment together with industry and sector relevant data. These experiments range from 6-month proof of concepts to 2-3 years research oriented projects. BDVA i-Spaces will host data related to these experiments and encourage cross project Data-exchange under strict compliance of Intellectual Property and Regulatory provisions.

BDVA i-Spaces may hold embedded Business Acceleration programs and Skills Developments in order to accelerate new services into the market. Various services may strengthen the participants' ability to grow global faster, such as entrepreneurship coaching, Living Labs opportunity evaluation, connecting to VC networks or key industry stakeholder communities etc. The expert communities around the ISpace will therefore be involved to drive entrepreneurship by combining strengths of the stakeholder ecosystem surrounding the ISpace with very different backgrounds and interests.

BDVA i-Spaces are the main asset of the Big Data Value PPP to assure that innovations and research on BDV technologies and novel BDV applications will be quickly tested, piloted and exploited, to develop skills and share best practices, to develop new business models and evaluate societal impact. They contribute to the PPP KPIs