Data Science for Europe

Anne-Sophie Taillardier
Your Company’s Big Data & AI Initiatives

Open Innovation
Reinforce & enlarge your data community with startups and partners through challenges in a neutral environment.

Education & Students
Interact with students and create opportunities by working on real data & use cases.

Collaborative Research
Connect your R&D teams with research labs to emphasize your data innovation.

Teralab
A Trusted R&I Big Data & AI Platform

Sandbox
- Tools
- Data
- Infrastructure
- Security
Up to 15TB Ram – 520 cores 400 TB Storage

Services
- Legal
- Architecture
- Research
- Teralab staff + Startups & academics

Trusted & Sovereign
- Adaptative security level
- Stated control facilities
- No private shareholders
- No conflict of interests

A Non-Profit Pricing
- Pre-established priced
- NO hidden cost
- ~80% market price

Easy Transition
Your setup in Teralab
Your setup in your datacenter

Success Stories
More than 50 projects hosted!
STATE OF THE ART, AND BEYOND

Algofab: a ready to use AI toolbox

Big Data Tools
APACHE Suite, Open source
And more ….

State of the art infrastructures

In Memory Analytics
GPU for Deep Learning

Distributed Analytics

Data & Data Trust Technologies

Secured & Sovereign workspaces

- Distributed Ledger Technologies
- Watermarking
- Crypto
- Anonymization
- Differential Privacy
- …

Institut Mines-Télécom
MORE THAN 60 PROJECTS, MANY DOMAINS
TERALAB ADDED VALUE

Precompetitive Platform

Data Innovation Community engagement
Large network of Data Owners, Data Users and Data Innovators

Support to Use case Formalization

Support to architecture specifications

Support to legal and regulatory provisions for your project

Trusted sovereign neutral platform to host your data and technical development

“From proof of concept to proof of ROI” contribution to valorization and industrialization of project results
INDUSTRIE
DATA SHARING & CAS D’USAGE
INDUSTRIE : CYCLE DE VIE DE LA DONNÉE

Homologation virtuelle

Maintenance Prédicitive

Conception Production Product In Life

Exemples de cas d’usages :
• Détection de défauts de fabrication
• Détection de défauts de conception
• Maintenance prédictive
• Jumeau digital
• …
DATA SHARING: BESOINS SPÉCIFIQUES

- Data Sovereignty
- Decentralized data management
- Data Economy
- Value Creation
- Easy linkage of data
- Secure data supply chain
- Data governance
- Trust
QUELQUES INITIATIVES INTÉRESSANTES

- International Data Spaces Association (issue des fraunhofer en Allemagne)
- AI4EU : H2020 pour création d’une plateforme européenne d’Intelligence Artificielle
- BOOST 4.0 : H2020 Industrie du futur, 13 usines pilotes, échanges de données
- Soutiens aux PMEs au niveau régional, national et européen
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