Virtual BenchLearning

Share results

**Engage
with the community**

Test results

"Big Data – Benchmark your Way to Excellent Business Performance" by Gabriella Cattaneo and Erica Spinoni from IDC

"Success stories on Big Data & Analytics Use Cases + DataBench Toolbox" by Chiara Francalanci from POLIMI and Tomas Pariente Lobo from ATOS

Agenda

14.00-14.07   **Welcome and Introduction**

Richard Stevens, *DataBench / IDC*

14.07-14.15   **DataBench Technical Framework**

Arne Berre, *DataBench / SINTEF*

14.15-14.25   **DataBench Toolbox Demo**

Tomás Pariente Lobo *(DataBench / ATOS)*

14.25-14.45   **Benchmarking Big Data: Panel discussion with BDV PPP projects,** Moderator: *Arne Berre*, *DataBench / SINTEF*

- **DeepHealth: Jon-Ander Gómez Adrián**
- **I-BiDaaS: Dusan Jakovetic**

14.45-15.00   **Q&A and Concluding Remarks**

Richard Stevens, *DataBench / IDC*

Our speakers

Richard Stevens

**DataBench Coordinator
Consulting Director at IDC**

Arne Berre

**Chief Scientist at SINTEF
BDVA Task Force 6 Lead**

Tomás Pariente

**Head of the Big Data &
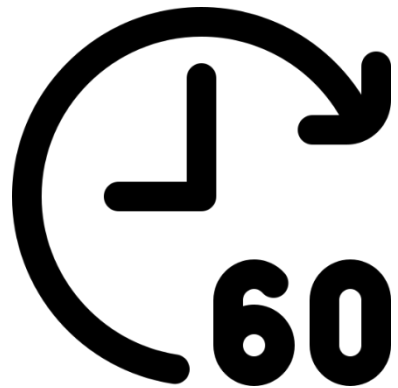APC Unit at Atos Research
and Innovation**

Our speakers

Jon Ander Gómez Adrián

DeepHealth project Technical Manager, UPV

Dusan Jacovetic

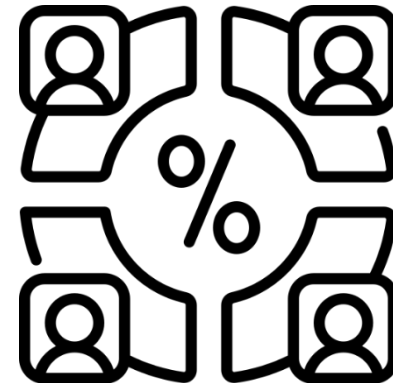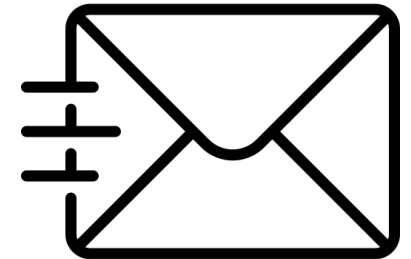**I-BiDaaS Scientifc & Technical Manager, University of Novi Sad**

Keep in mind

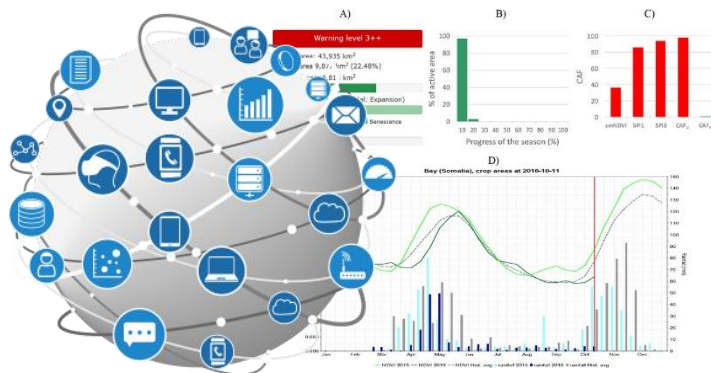Q&A after the presentations

Ask your questions in the chat box

Answer the poll questions

We will send you the presentations and other material in the upcoming days

The Premise – Why Databench?

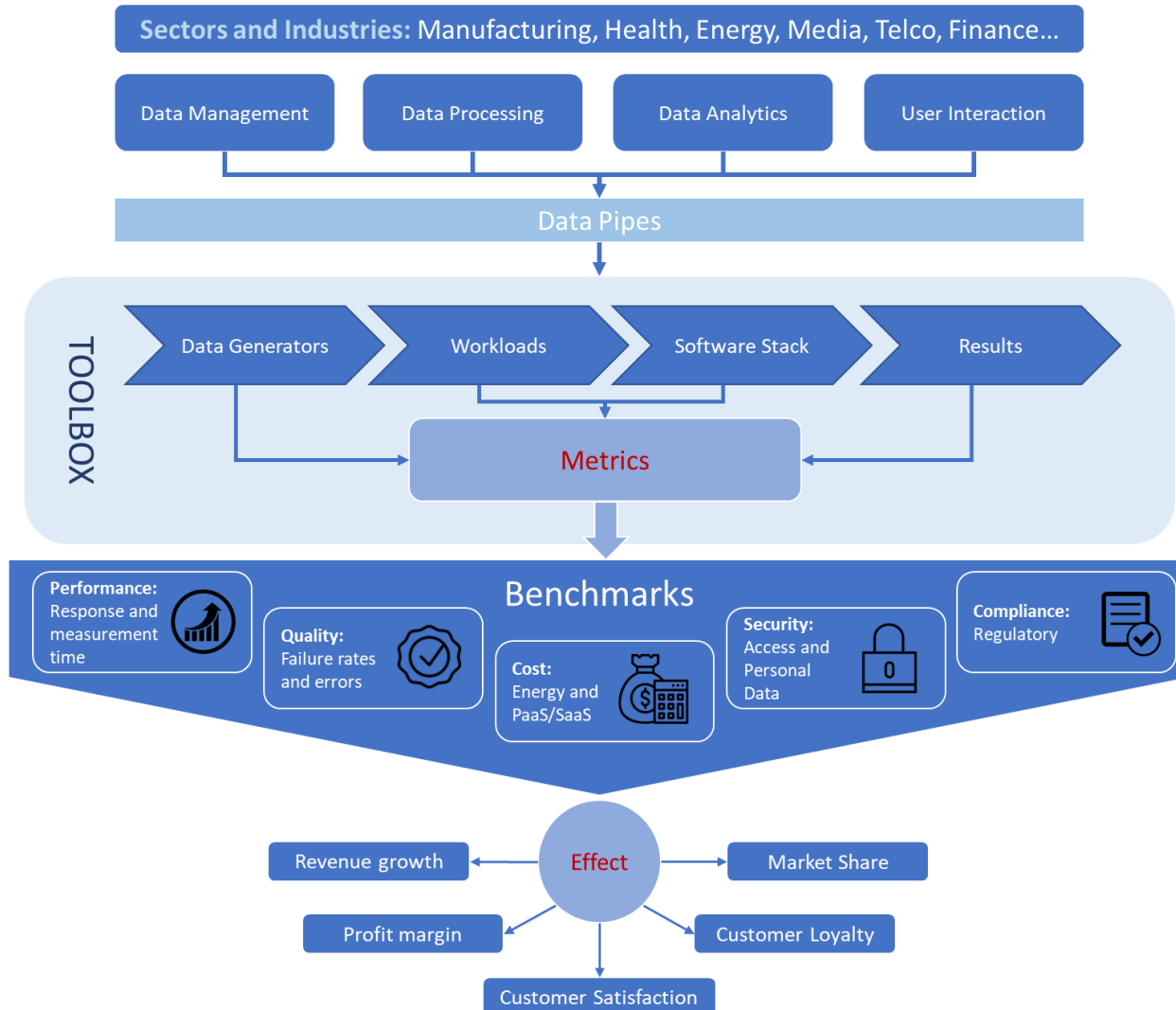There is **extensive information** on how and why to use **technical benchmarking** to assess specific **analytics processes**, but companies lack objective, evidence-based methods and tools to measure the **correlation between Big Data and AI technology benchmarks** and business objectives demonstrating the **impact** these technologies have on the **competitiveness** and potential **market success** of organizations.

????→

DataBench -The Approach

Sectors and Industries: Manufacturing, Health, Energy, Media, Telco, Finance...

Data Management	Data Processing	Data Analytics	User Interaction

Data Pipes

TOOLBOX

Data Generators → Workloads → Software Stack → Results

Metrics

Benchmarks

Performance: Response and measurement time

Quality: Failure rates and errors

Cost: Energy and PaaS/SaaS

Security: Access and Personal Data

Compliance: Regulatory

Effect
- Revenue growth
- Market Share
- Profit margin
- Customer Loyalty
- Customer Satisfaction

DataBench Outcomes

DataBench Framework
Including a complete set of metrics for Big Data and AI Technologies assessment

Deep Analysis
Assessing the European and industrial relevance of the Big Data and AI Technologies examined by the project

DataBench Toolbox
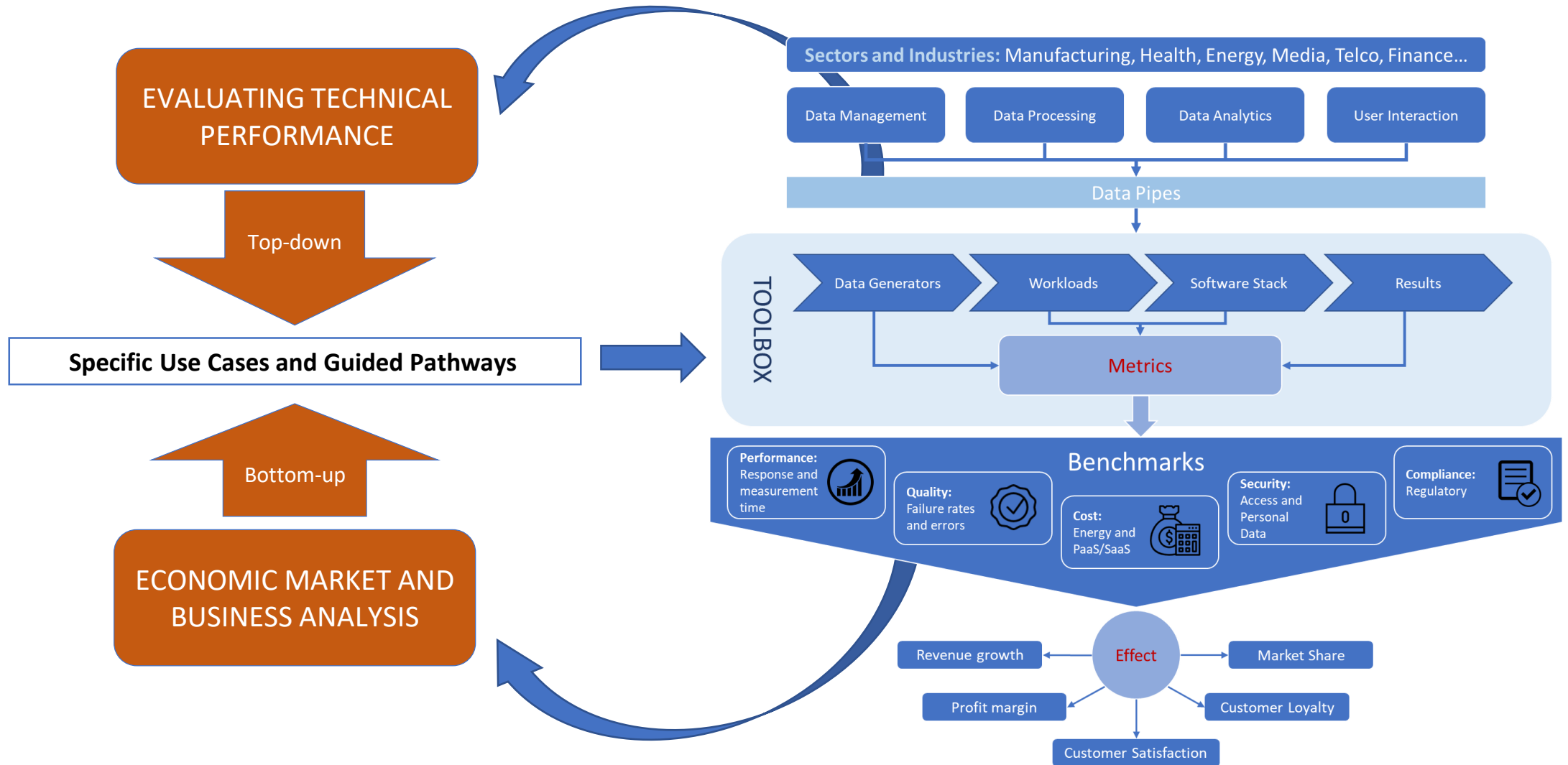A tool to connect and evaluate Benchmarking approaches and initiatives

DataBench Handbook
Providing guidelines to the use the benchmarks & Toolbox, describing how to implement such a system, the benchmarks you need and the metrics

Convergence of Technical and Business Needs

DataBench

EVALUATING TECHNICAL PERFORMANCE

Top-down

Specific Use Cases and Guided Pathways

Bottom-up

ECONOMIC MARKET AND BUSINESS ANALYSIS

Sectors and Industries: Manufacturing, Health, Energy, Media, Telco, Finance...

Data Management | Data Processing | Data Analytics | User Interaction

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Security: Access and Personal Data

Compliance: Regulatory

Effect

Revenue growth | Market Share | Profit margin | Customer Loyalty | Customer Satisfaction

Q&A

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