

# Data Management

*Aurexia's expertise and capabilities*

*February 2021*

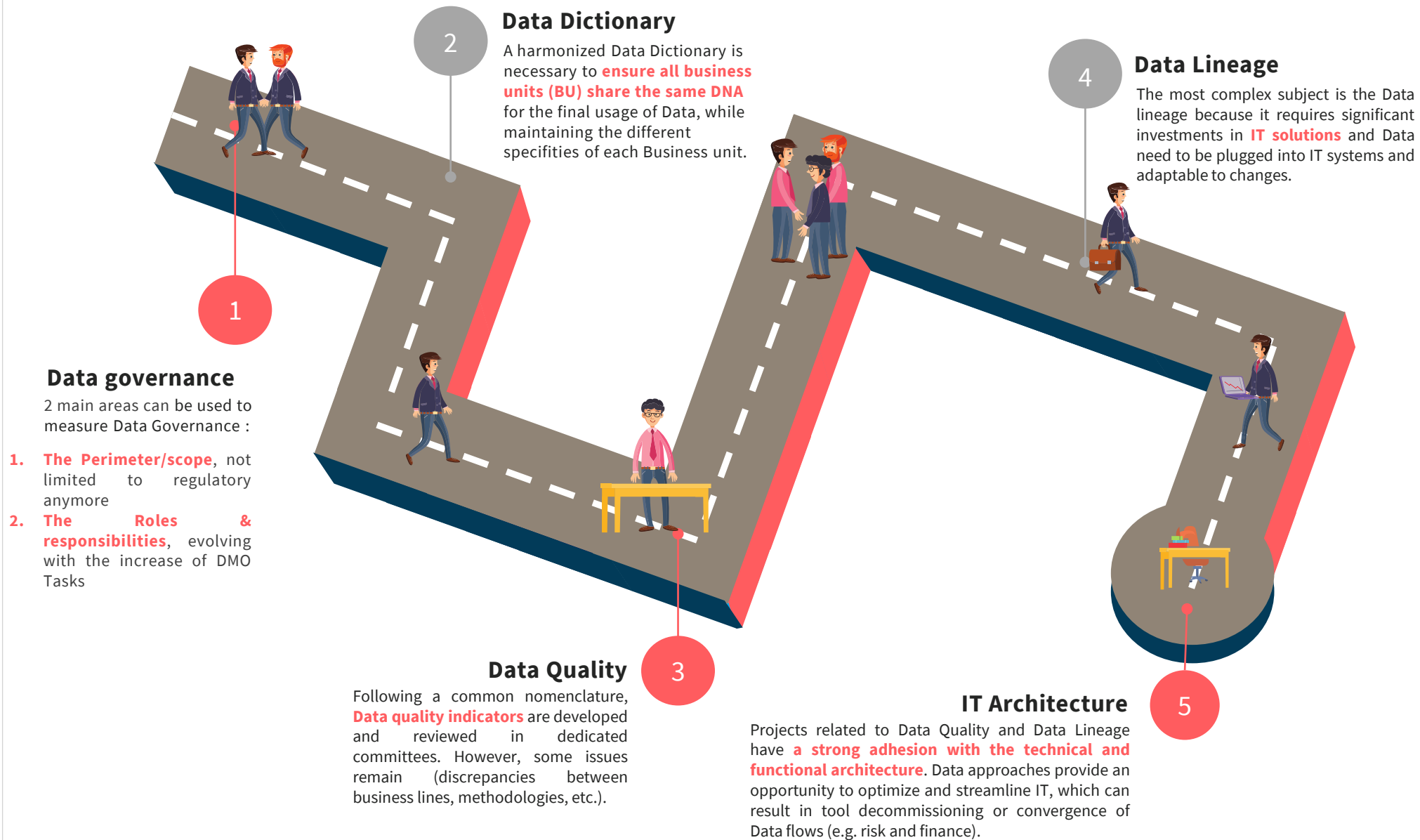
**Aurexia**  

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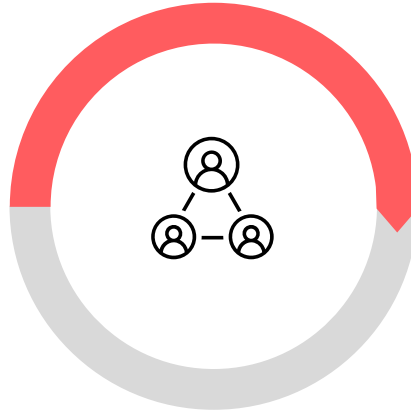
# A path to Data Management

A set of initiatives must be launched to implement a Data governance covering business organization and IT topics



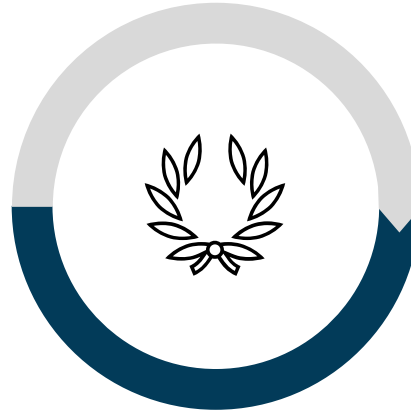
# Data Management Solutions – Benchmark

With today’s massive quantities of Data, high-quality tools are essential in achieving Data management best practices. These tools can be segmented into four categories



Data Governance

- Ab Initio
- collibra
- Informatica
- SAS



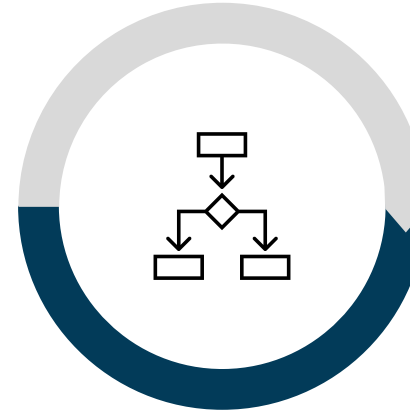
Data Quality

- Ab Initio
- alteryx
- Irion
- SAS



Data Visualization

- tableau
- Qlik
- Power BI



Issue Management remediation

- Ab Initio
- Jira
- Irion
- SAS



## Smart dashboard added-values



## Aurexia recent use-cases

- AML**  
Transaction monitoring alerts
- ALM**  
LCR monitoring
- Payments Volume**  
Monitoring tool
- Budget controls**  
Monitoring Project expenses
- RWA**  
Synthesis dashboard
- Risk Oversight**  
Daily production monitoring / home office
- Credit Risk**  
Risk Composition of a consumer credit portfolio
- Credit Risk**  
Cumulated default rate monitoring
- Operational Risk**  
Monitoring tool
- New Product Committee**  
Action plan status monitoring
- Securities Services**  
Business Activity monitoring
- Stress tests results**  
Monitoring tool
- Funds Transparency**  
Monitoring tool
- Data Quality**  
Scoring



## PRESENTATION OF AUREXIA'S DATA MANAGEMENT CAPABILITIES

- ✓ Benchmark of current best Data Management tools
- ✓ Detailed presentation of Aurexia's Data Management credentials

**Data Management Solutions - Benchmark**

This slide presents a grid of various data management solutions, including Tableau, Alteryx, Qlik, SAP, and others. Each solution is accompanied by a brief description of its capabilities and how it addresses specific data management challenges.

**Data Management office (DMO) Implementation**  
BCBS 239 Program - Confidential client

**Deliverables illustration**  
Diagram of Roles and Responsibilities

This slide details the implementation of a Data Management Office (DMO) for a Confidential client under the BCBS 239 Program. It includes a diagram of roles and responsibilities and a list of deliverables and added value.

## OPERATIONAL USE CASE : ESG DATA QUALITY FOR ESG OFFERS IMPLEMENTATION

- ✓ Analysis of the stakes of ESG Data quality in 2021
- ✓ Competition analysis in the ESG rating market

**ESG Data quality is of utmost importance to any ESG offer implementation**

This slide features a large diamond graphic and text explaining the critical importance of high-quality ESG data for successful ESG offer implementation. It highlights the challenges of data quality and the need for robust data management practices.

**ESG & Data Management**

This slide contains a flowchart illustrating the process of managing and using a wide scope of ESG data. It shows the flow from data collection and integration to analysis and reporting, emphasizing the role of data management in this process.

## FOCUS ON DATA VISUALIZATION

- ✓ Detailed presentation of Aurexia's Data Visualization credentials
- ✓ Illustration of operational smart dashboarding

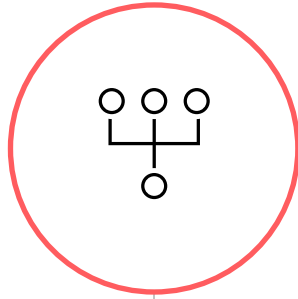
**Our most relevant Credentials 3/3**

This slide displays three examples of Aurexia's data visualization dashboards for different clients. Each dashboard is tailored to specific business needs and provides clear, actionable insights through data visualization.

**DATA QUALITY MANAGEMENT OVERSIGHT DASHBOARD**  
Data Quality Management Overview - LEVEL 1

This slide shows a comprehensive data quality oversight dashboard. It features various charts, tables, and metrics that provide a detailed overview of data quality across different dimensions and time periods.

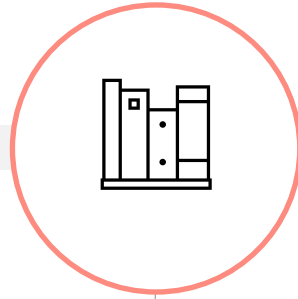
# Data Management : Aurexia's expertise to boost the implementation of your projects



01

## Data Governance

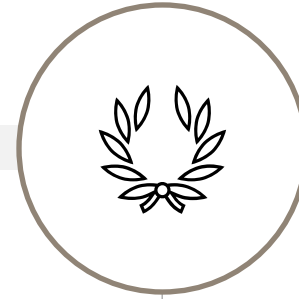
- Definition of Data governance models as well as the roles and responsibilities of each stakeholder in the model
- Organize and implement the set up of Data Management offices (DMO)
- Handle the change management project : organization of training sessions and communications to stakeholders
- Program steering : roadmap design and KPI monitoring to follow the set up of the Data Management Office



02

## Data Dictionary

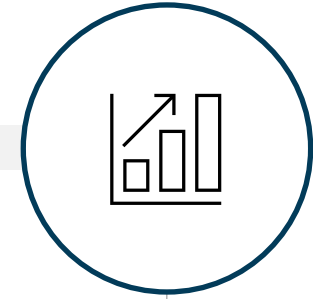
- Review and update of Data dictionaries
- Gap analysis between operating and target Data dictionaries
- Collection and consolidation of all data sources
- Definition, qualification, classification and prioritization of Data
- Definition of nomenclatures in accordance with business units needs and usage of Data



03

## Data quality and lineage

- Design and implementation of Data processing control plans in Data Warehouses
- Define Data quality indicators to improve quality within IT systems
- Design of Data quality dashboards to easily monitor Data quality
- Production of Data lineages to have an exhaustive knowledge of used Data, business rules and production processes (Data traceability)



04

## Tooling & IT architecture

- Implementation of Data governance and Data Quality tools, (e.g : Collibra, Ab Initio, Informatica, Alteryx, ...)
- Implementation of Issue management remediation tools (Jira, SAS, Irion, Ab Initio)
- Implementation of Data Visualization tools (Tableau, Qlik, Power BI)
- Design of smart Dashboards for risk control, Data quality control, financial and operational oversights
- Design and implementation of compliant IT architecture





# Your contact at Aurexia for Data Management related topics

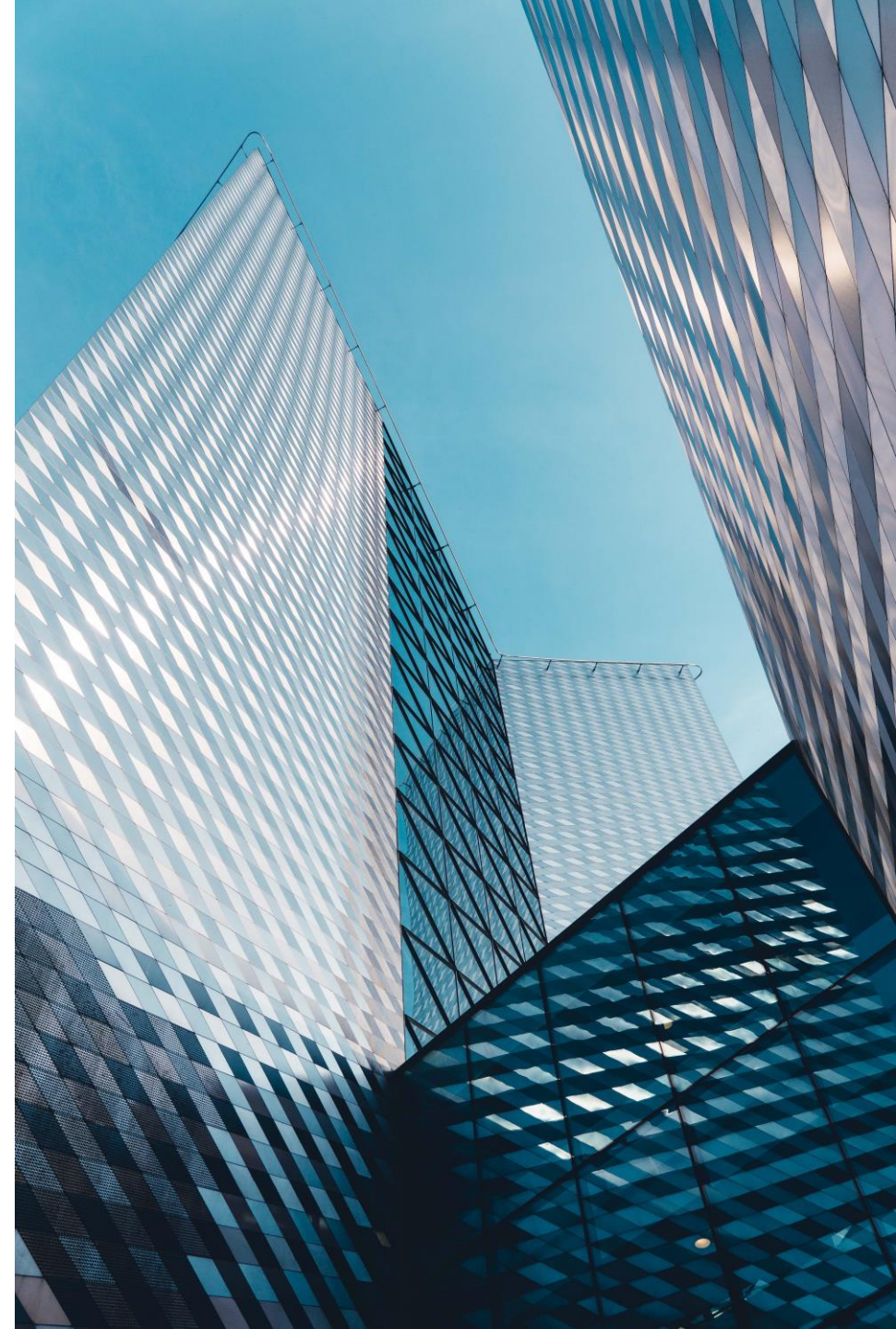


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# Aurexia

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Bringing value, together