

# Acuvate Data Healthcheck

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## Introduction & Background:

As with most companies, you likely have large volumes of data stored in multiple databases managed by various parties. Common issues we observe include:

- Data governance has not been fully implemented across all involved parties.
- The same data is spread across multiple databases and is not consistently synchronized.
- Claims of an Enterprise Data Platform exist, but in reality, it has only been partially implemented, leaving most data siloed.
- Data contextualization is required to align various data types but has never been executed, leading to complexities at the user interface level.
- OT (Operational Technology) data is still managed separately from IT data, resulting in a lack of integrated reporting.
- Uncertainty about what an Enterprise Data Platform should encompass in terms of tooling, data collection, AI developments, etc.
- Data collection is not well organized, making digital transformation increasingly difficult.
- Lack of structured processes impedes the transition to near real-time decision-making.
- Inefficient or nonexistent data collection pipelines hinder AI and automation adoption.

## Deliverables:

### Comprehensive Data Healthcheck Report:

- Documentation of the current-state architecture.
- Target-state blueprint and roadmap.
- Detailed gap analysis and proposed solutions.

### Actionable Roadmap:

- Prioritized steps to achieve a cohesive data ecosystem.

### MVP Proposals:

- Relevant MVPs for immediate business impact.

### Item

### Costs

Once off project cost

£38K / \$51K / €44K

### Duration:

4-6 weeks

## Approach:

With digital-driven decision-making, it is crucial that every company has a coherent data strategy. Using our experience, we can assist in reviewing the current setup and identifying potential improvements to prepare for the future. In detail, our approach includes:

- Documenting the current setup with all interfaces at a sufficient architectural level.
- Defining the overall target, not necessarily in full detail but with a clear roadmap to ensure all investments align with the strategic goal.
- Establishing a clear end-to-end data story covering data collection (potentially at the edge), data handling, data storage, AI-driven analytics, and data visualization.
- Validating the need for data contextualization and identifying key areas for improvement.
- Addressing data governance issues using our proprietary framework.
- Identifying and resolving all gaps highlighted during our review.
- Developing a comprehensive plan to address all necessary changes in the correct order and at the right level of detail, determining where AI and automation can play a role.
- Defining the need for any Minimum Viable Products (MVPs) to accelerate business impact.
- Assessing expected cloud costs and optimizing infrastructure expenditure.