

## BRINGING DATA TO LIFE

Increase your organization's digital IQ and  
optimize performance through data analytics



# BE SMARTER, WORK FASTER AND PERFORM BETTER

Digital is not software. It's a mindset. Your organization's success is influenced by it adjusting to new ways of thinking, learning, doing, and being able to unleash the benefits of digital technologies.

And when it comes to adopting this transformational digital mindset, most leading organizations start at the most intuitive place – they start by becoming data-driven in their decision making.

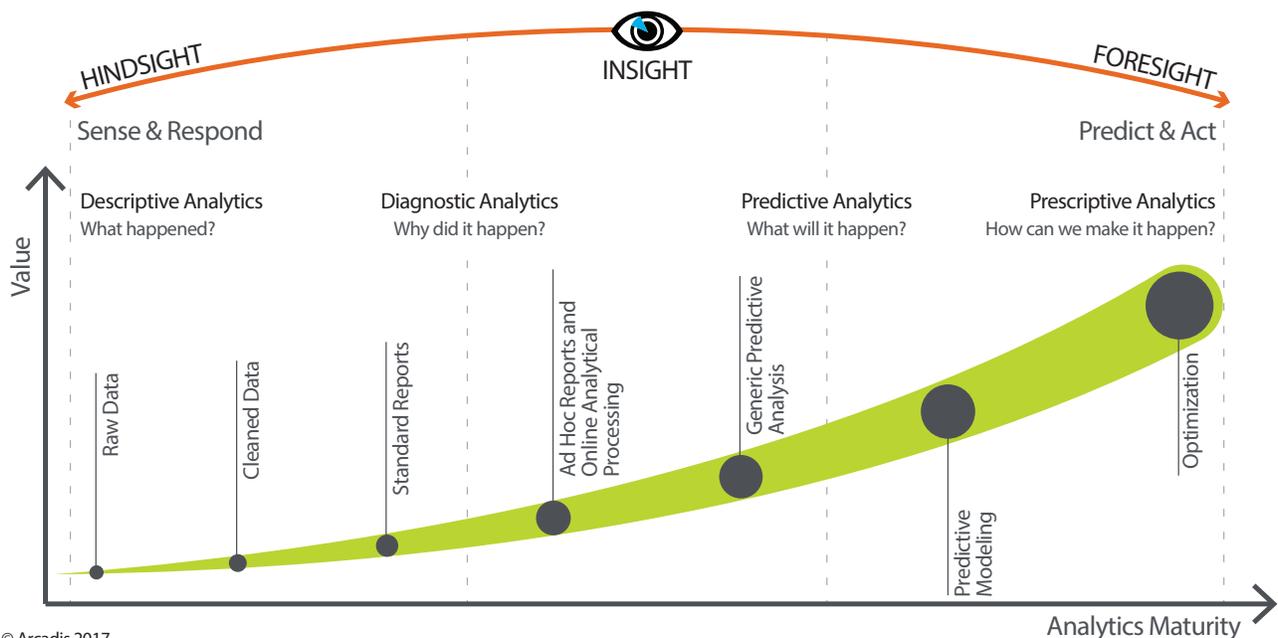
As you can expect, there is an increase in data and digital consciousness among organizations worldwide. With the fast-moving pace of today's market, many industries are consuming more data every day to respond to end-user needs and demands – be it the need for improved operational efficiency and reduced environmental & asset management costs or the need for compliance certainty and reduction in operational & reputational risks.

Despite this, companies that are truly understanding the value proposition of digital and proactively transforming business models with technology innovation and supporting digital cultures are few and far between. The reality is that most organizations have not come close to realizing the full potential of data and analytics.

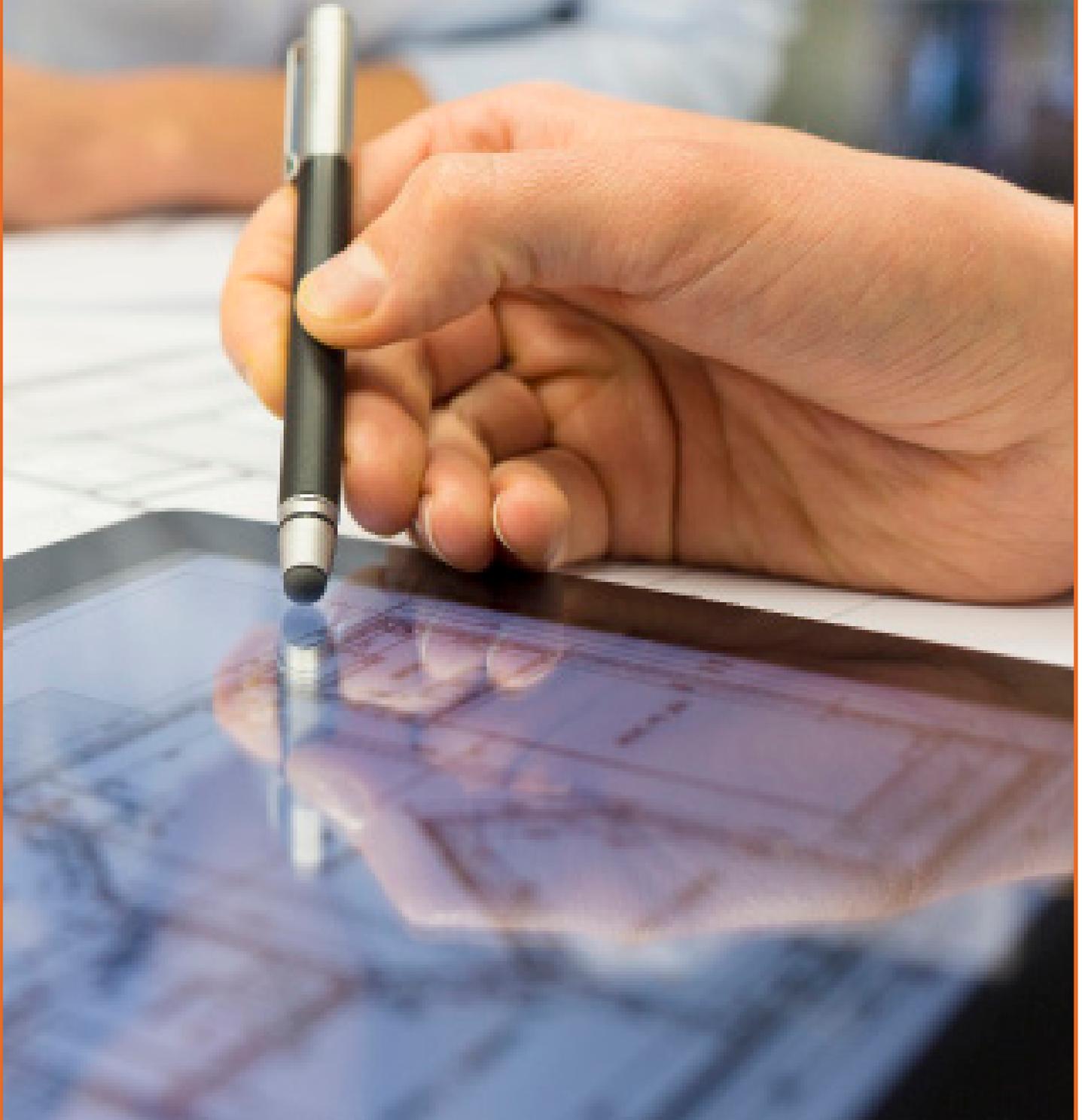
Many companies and agencies struggle with accessing data and developing data standards and data governance frameworks, and often work with home-grown databases, spending valuable time and resources on converting data into consumable formats. Some are manually crunching key performance indicators for internal and external stakeholder review.

Those that are not integrating digital tools into business processes, and working with the right data for optimal decision making are trailing in their markets and losing competitive ground quickly. However, organizations with an ambition to become 'best-in-class' are increasingly integrating digital capability into their functions and unleashing insights to drive appropriate actions. They are realizing that quality data analytics, available on demand, equip their leaders with sound information for smarter decision making, which in turn, saves time and resources, mitigates risk, and even improves their organization's reputation.

## Data Analytics Maturity Drives Competitive Advantage



Arcadis meets you where you are in the journey to become data-driven, providing the full spectrum of data analytics solutions. We work with you to advance from hindsight to insight on specific business issues while moving together toward strategic foresight.





## FROM HINDSIGHT TO FORESIGHT: GETTING THE MOST OUT OF YOUR DATA

Data is just like any other company asset. If it's not properly managed, it loses its value. The pathway toward a "mature" data-informed business is a journey: going from mere data collection to applying advanced analytics and eventually predicting trends for the most efficient decision making possible.

Integrating data analytics into your business processes can, at the very least:

- Support identification of areas of risk and opportunity within your organization
- Help you move from reactive response to proactive data-driven decision making
- Improve business control over projects & programs and drive a higher degree of transparency
- Improve productivity and performance
- Reduce cost and risk, improve efficiency
- Drive delivery of on-time, on-cost projects
- Improve quality of products and services
- Prioritize funding and resource allocation
- Empower you with any-time, any-where decision-support to meet organizational demands

Our data consultants can work with you to develop a customized digital approach based on your core objectives, as well as guide you throughout the data lifecycle, from data acquisition and management evolving towards performance analytics and strategic insights for your business.

We can help you get more value from your data by:

- Illustrating the power of data analytics and data management as an asset
- Implementing digital tools that improve the efficiency and discipline of data collection and analysis
- Developing innovative applications of these digital tools for your business processes
- Delivering transparent data solutions at the click of a button to support decision making



Our data consultants help clients achieve positive outcomes through data analytics and business intelligence solutions every day. They do this through designing and sustaining data acquisition, management and analytical processes that showcase areas of risk and opportunity through CapEx and OpEx and efficiency metrics, compliance certainty indicators, Environmental Health & Safety (EHS) risk & performance metrics, safety, sustainability & Corporate Social Responsibility (CSR) analytics, benchmarking, cost & schedule conformance metrics, and other portfolio analytics for client projects and programs, thereby increasing the availability, usability and integrity of data to drive analytical outcomes.

Organizations that don't extract the most value from data are at risk of being outpaced by peers and of operating inefficiently. Now is the time to develop a data program and progress your journey through the data maturity model to raise your organization's IQ, add time back to your day, streamline compliance and elevate your position in the market.

# CASE STUDY

OPERATING WITH A BENEFITS-DRIVEN PHILOSOPHY WHILE GUIDING EHS INVESTMENT DECISIONS

As part of the EHS advisory, asbestos and mold remediation services we provide to a leading healthcare company, Arcadis observed an opportunity to review their current EHS losses (workmen's compensation, general liability, professional liability and automobile liability insurance claims) to unlock loss prevention opportunities. This organization had no immediate visibility to areas of functional and locational EHS losses and inherent risk, primarily due to challenges gaining access to claims and audit data for their vast global portfolio.



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With the help of the analytics provided by the intuitive business intelligence dashboard we developed using the organization's own technology solution suite, the organization could rapidly see where they had non-financial (compliance and risk) issues.

This approach of using data analytics to showcase problem areas of EHS loss, risk and compliance became a real game changer in terms of also defining financial opportunity and information-driven performance. We are working to influence direct financial reduction in Insurable Claims with this organization now, through a process-based approach to EHS performance management—to drive up their ROI in EHS investment.



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Sample data analytics dashboard for efficient decision-making

# MAKING STEP CHANGES TO BECOME DATA-DRIVEN

Data was once critical to only a few back-office processes, such as payroll and accounting. Today it is central to any business, and the importance of managing it strategically is only growing. There is no avoiding the implications: Companies that have not yet built data analytics and a strong data-management function into their strategy are finding that they need to catch up fast.

Embedding data analytics, and a data-management plan into your business function can help you gain insights into areas of your business, capture more opportunities, outperform your peers and evolve in your journey towards digital business transformation.

Don't wait any longer to start that journey.



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If you are interested in understanding how we are helping leading organizations gain these valuable insights and move towards better business outcomes, please contact us.

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Prason Sinha  
Director of Digital & Data Analytics Solutions  
E [prason.sinha@arcadis.com](mailto:prason.sinha@arcadis.com)  
T 770 384 6604



Supriya Murthy  
Digital & Analytics Solutions Leader  
E [supriya.murthy@arcadis.com](mailto:supriya.murthy@arcadis.com)  
T 757 419 3978



Ben Arancibia  
Chief Data Scientist  
E [ben.arancibia@arcadis.com](mailto:ben.arancibia@arcadis.com)  
T 718 397 23508

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