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Elevate your data strategy with **Data EXP**

A BJSS eBook

Looking to accelerate organisational change and get more value from your business data? This is where Data EXP from BJSS comes in. Data EXP is a dynamic data framework that gives you the power to validate your data strategy in real time, delivering real results.

This eBook aims to guide you through how to harness Data EXP and incorporate it into your organisational data strategy to achieve your business goals and growth.

Data EXP – Not just a data platform

Data EXP is a flexible framework that helps you explore, experiment, and show the value of data in solving business problems and achieving strategic objectives.

Data EXP empowers organisations to swiftly and cost-effectively demonstrate the value of data. It aligns with your data strategy by delivering insights, prototypes, and services tailored to your organisation's needs, ensuring seamless integration. Leveraging a multitude of best practices, methodologies and tools, Data EXP provides a secure environment for exploring and analysing data-driven use cases and hypotheses with the goal of scaling these insights organisation-wide.

"The heartbeat of BJSS Data EXP is a pre-configured but customisable platform designed and built from thousands of hours of building data platforms for clients."

Tim Hancock
Head of Cloud and Managed Services, BJSS

Maximising value with Data EXP - EXPlore, EXPeriment and EXPand

There are many different areas where data can support your business so refining your objectives is key. Leveraging the **EXPlore**, **EXPeriment** and **EXPand** stages of the Data EXP framework can help to validate or refine your data strategy.

EXPlore

To understand your goals and vision, so we can co-create a strong data strategy, we hold an initial **two-hour briefing** to understand your drivers and requirements. The next step is a **two-day data-driven workshop** to begin your journey to uncovering data-based insights.

EXPeriment

Not only do we help to shape strategies, we also work to confirm and solidify strategies. **We build a prototype**, launching it rapidly so that use cases can be validated.

We then build the minimum viable product **(MVP)**, business case, and communications around the value created. With the continual strategy loop, we can repeatedly test and measure to ensure the developed strategy is the right one for your goals.
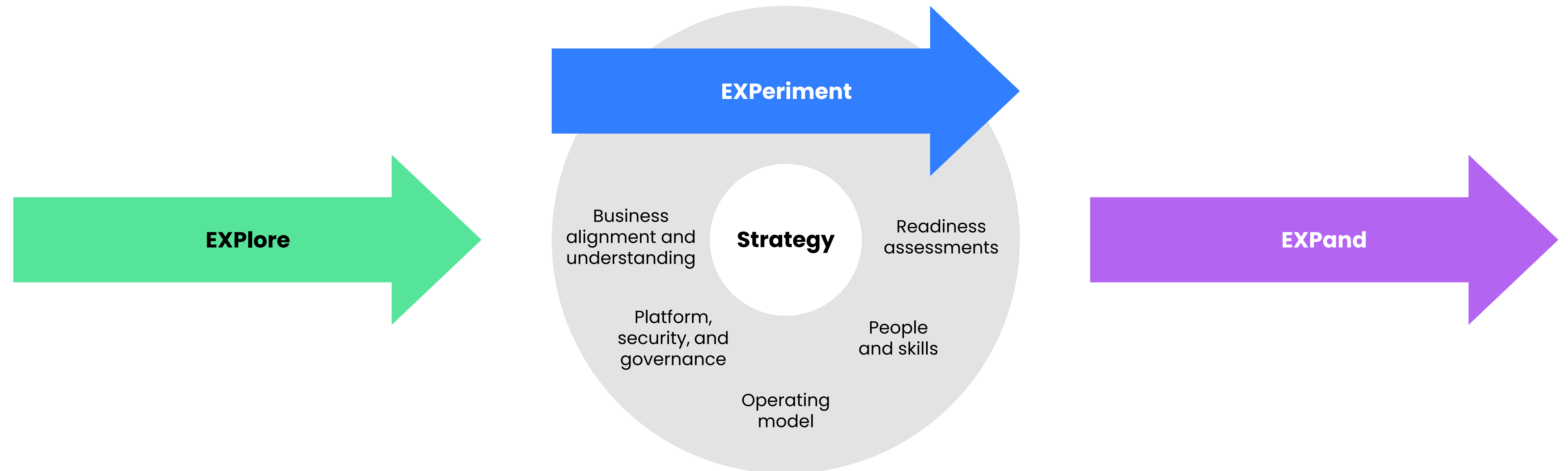
EXPand

This is when we can **action insights** from the proven strategy. A **strategic roadmap** is delivered at this stage. We build the service that enables your organisation to **scale** to enterprise level, working to define your operational plan. We help you to embed data into your operations, or we provide a service to **run** it for you.

EXPlore

EXPeriment

EXPand

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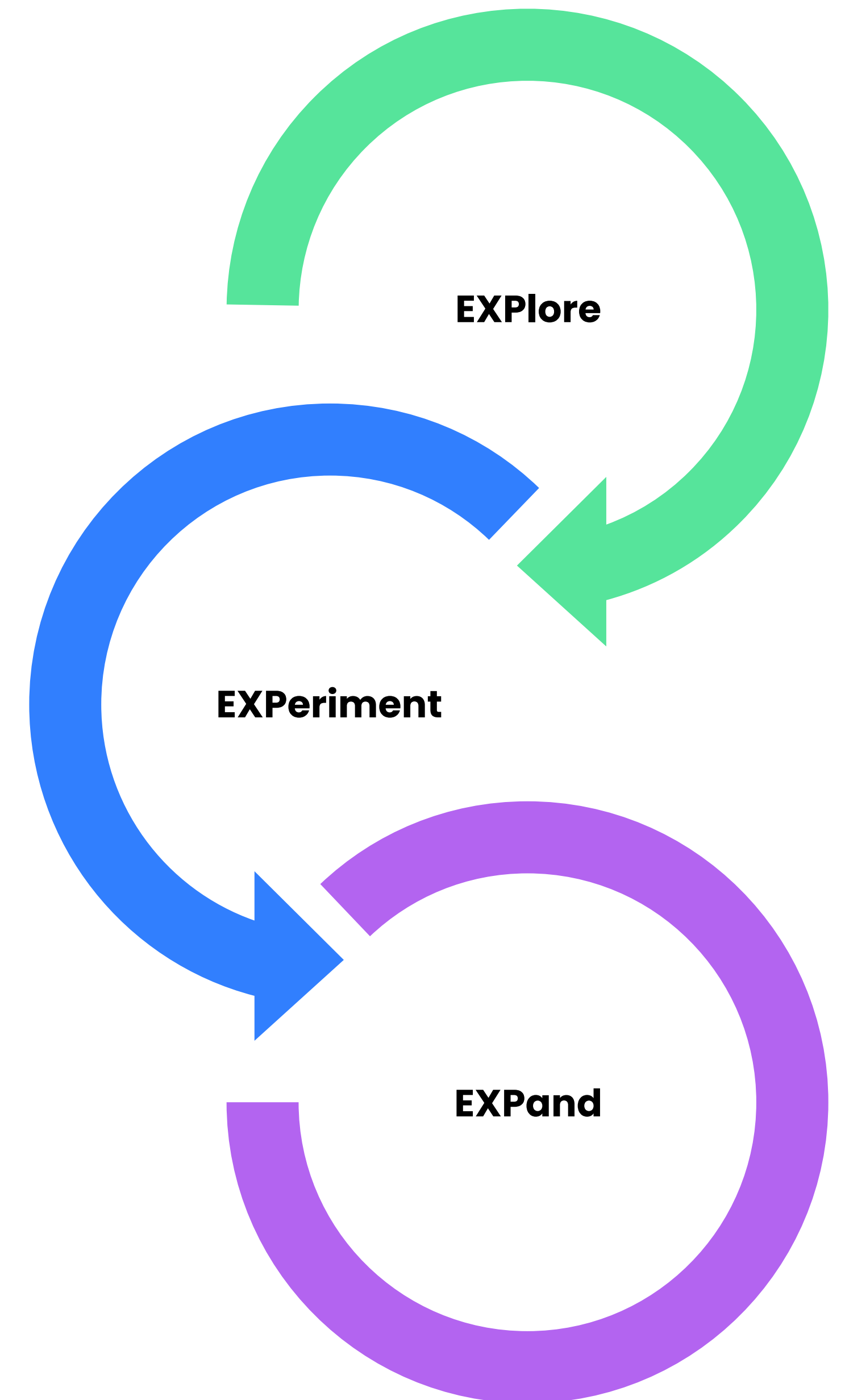
A clear framework for your data strategy

Experiential learning - prove early, measure and improve

EXPeriment

EXPlore

Strategy

Business alignment and understanding

Readiness assessments

Platform, security, and governance

People and skills

Operating model

EXPand

| **Understand**	**Ideate**	**Strategise**	**Extrapolate**	**Operationalise**
We include more detail from your business goals and vision so we can establish an impactful strategy.	Leveraging our industry and data expertise, we can develop multiple 'could-be' states for the future platform and use these for the basis of proof-of-value initiatives.	We offer a 'discover by doing' approach to help shape and validate proposed strategies with you. Each interaction helps test and refine the strategic vision and tighten delivery plans.	A strategic roadmap is created and delivered using a value-led approach. Platform capabilities are added through incremental change.	Each iteration provides further insight into the target operating model and service design supporting the platform. Training plans are refined, and centres of excellence are established.

Unlocking organisational potential: The role of a data strategy

Some 67% of businesses are predicting a significant impact, ranging from high to transformational, due to the rise of AI and generative AI. This further reiterates the need for your organisation to establish a robust data strategy.
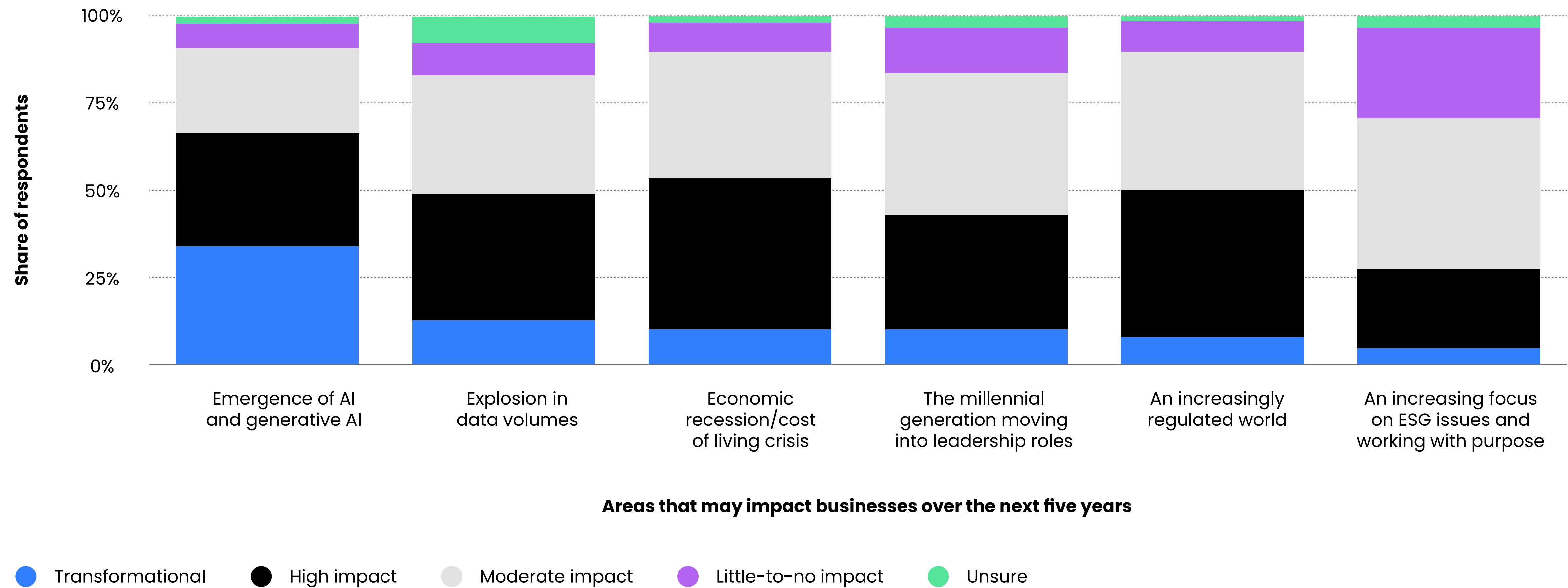
Source: Thomson Reuters © Statista 2024. *Predicted impacts on professional business services in the next five years worldwide in 2023.*

A data strategy serves as the compass to guide transformative change and to optimise value extraction from data assets.

Harnessing the power of data not only fuels insights that drive informed decision-making but also enables streamlined business operations, cost optimisation, and the identification of growth opportunities, ensuring sustained competitiveness and organisational success.

Data management, planning, and governance are integral components of a data strategy. Using the Data EXP framework, we ensure that organisations effectively harness their data resources to achieve their business objectives.

Common client challenges:

- Rapid adoption of AI

- The data skills gap

- Speed to market demands

- Sustainability

- Security

Data EXP from BJSS is designed to overcome these challenges by providing a pathway with a variety of prebuilt accelerators that will reduce investment and time to value realisation.

Data strategy in action: Real-world applications across sectors

A solid data strategy can have many different purposes. In the public sector, a clear data strategy sets out how data is safely shared between organisations such as the NHS, local councils, and integrated community services, to provide holistic citizen care.

While private sector businesses need to define how data can be used to personalise the customer experience to build loyalty and retention.

Regardless of industry, the challenges and opportunities demand strategies to ensure effective data management.

Client success story

BJSS developed an enterprise data platform for the UK retirement specialist, Just Group PLC. The platform enabled efficient data management, analysis, and eporting, enhancing business decision-making processes. By consolidating disparate data sources and implementing advanced analytics capabilities, BJSS facilitated Just Group PLC in gaining valuable insights, improving customer service and achieving regulatory compliance in the highly-regulated Financial Services industry.

JUST.

Data governance: The foundation of strategic data management

Organisations worldwide are looking to harness the value of their data, create and monetise data products, and enable innovation with AI. It's an endeavour that requires advanced technology and analytics skills, as well as a strong data foundation.

Data governance describes the overall management of an organisation's data, from its availability, usability and integrity, to its security. It encompasses the policies, procedures, and standards that ensure data is used efficiently, responsibly, and ethically.

The importance of data governance cannot be overstated. It provides a framework for data quality and consistency, ensures compliance with regulations and standards, and enhances internal and external stakeholders' confidence in an organisation's data-driven decisions.

A strong data governance strategy empowers organisations to derive actionable insights from their data to promote innovation and competitive advantage in a data-centric world.

BJSS Data Governance Assessment Framework

BJSS offers a **Data Governance Assessment Framework**, a comprehensive strategy that ensures data quality, security, and compliance, driving innovation and competitive advantage.

Our framework is customisable and scalable, designed to fit your unique needs and stakeholder requirements. It provides guidance on how to evaluate data governance across people, processes and technology, with continuous tracking and benchmarking for effectiveness over time.

Click below to read our guide and discover how to transform your organisation's approach to data management.

The power of Data EXP

Data EXP from BJSS is the solution for any organisation wanting to reduce the time, effort, and cost of demonstrating business value from data but is facing challenges or blockers such as:

- Limited timescales to demonstrate the value of data

- Limited budget to explore data-driven use cases

- Lack of internal resources or capability to manage a cloud platform

- Disparate or siloed data sources

- Data security and governance concerns

- Concerns about integrating data solutions into the wider business at scale

Data EXP handles all the technical complexities of data migration, saving your organisation time and resources while delivering actionable data insights that support tangible business goals.

Data EXP outcomes

Data EXP offers scalability, agility, and accessibility, empowering organisations to adapt swiftly to evolving data needs. The framework accommodates growth seamlessly while facilitating rapid experimentation and iteration. With user-friendly interfaces and robust support, Data EXP ensures accessibility for all stakeholders, fostering collaborative data-driven decision-making. Additional benefits you can expect include:
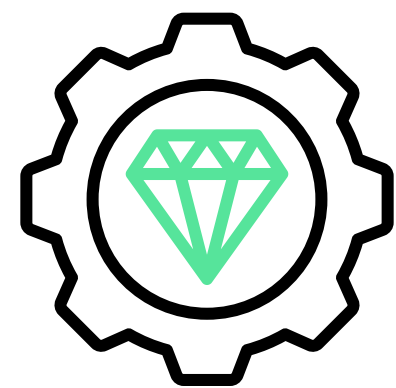
Reduce time to value

With our cloud and data accelerators, as well as our rapid, iterative cycles of hypothesis-driven learning, Data EXP could help you see the value from data solutions in a matter of days.
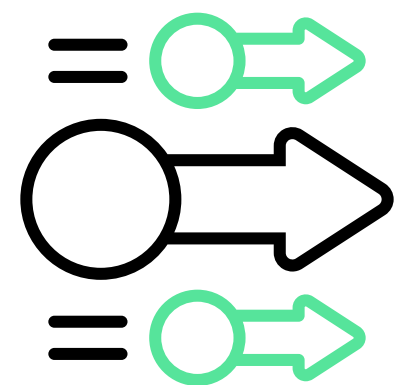
Cost-effective, value-focused solution

With lean teams and rapid delivery timescales, BJSS Data EXP is an incredibly cost-effective way to develop data use cases with demonstrable business value.
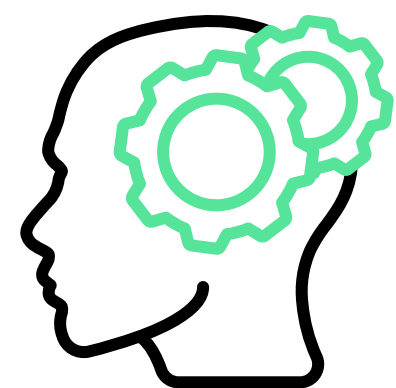
Readily available skills and resources

The cloud operations teams typically needed to build, manage, and operate your data infrastructure, and the admin to connect and support disparate services, are included as part of the service.
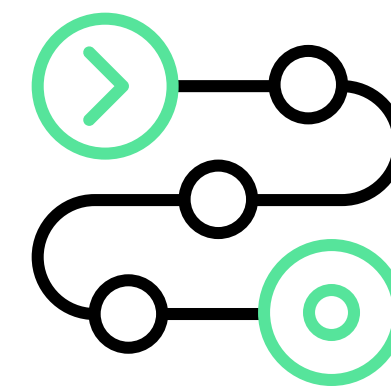
Scalability opportunities

We draw on our tech delivery expertise to develop the plan to productionise your use case(s) and scale for future initiatives, providing a backlog of work and a roadmap for delivery.
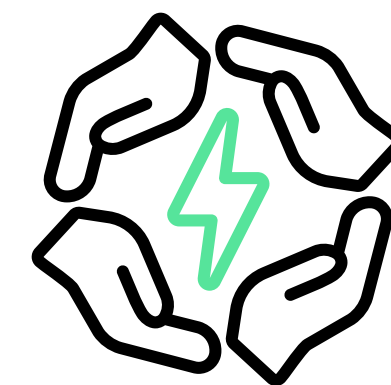
Built-in security features

Security and governance are built into our cloud and data environments as standard, so you can rest assured that your data is secure.

Aligning Data EXP with your organisation's data strategy

Not only does Data EXP allow you to validate your data strategy, but it can also align with your data strategy every step of the way.

Aligning Data EXP with your organisation's data strategy ensures seamless integration and optimisation of data utilisation. By leveraging Data EXP's dynamic framework, organisations can tailor their data initiatives to align with strategic objectives, fostering agility, scalability and innovation. This alignment enhances the effectiveness of data-driven decision-making and drives sustainable business growth.

Bridging the gap: Data EXP's approach to the build vs. buy dilemma

Data EXP enables you to rapidly validate data business cases and gain insights without large-scale data platform builds.

If a data-related business case or hypothesis can be proven without long discoveries and platform builds from scratch, the ability to prove and scale is easier to achieve.

Data EXP allows for the rapid creation of value without huge initial expenditure, while also enabling onward build.

65,000 orders

processed for an online retailer's data platform in just 40 minutes, compared to hours previously

2,000%

return on investment delivered in just eight weeks for a leading insurer

80%

of National Highway's data entities mapped over a four-week period

Maximising value with a managed service from BJSS

With an end-to-end service offering, BJSS can provide expertise at each stage of ideation, from proving value to scaling and running solutions. We work with the business users quickly, iteratively, and collaboratively - showing value and progress throughout.

Why Data EXP from BJSS?

As a leading technology and software consultancy delivering hundreds of successful data projects, we believe:

- There are better ways to build data platforms that will result in faster insights

- Our trusted clients benefit from our expertise to achieve their desired outcomes

- Collaboration is critical - we combine our solutions and your data

- We can work to reduce carbon usage by using pre-built platforms

Data EXP holds transformative potential for your data strategy and your organisation. With ongoing evolution and adaptability, the Data EXP framework evolves with your organisational requirements. With Data EXP at the heart of strategic thinking, it empowers agile decision-making and fosters innovation.

Start your data strategy in three simple steps:
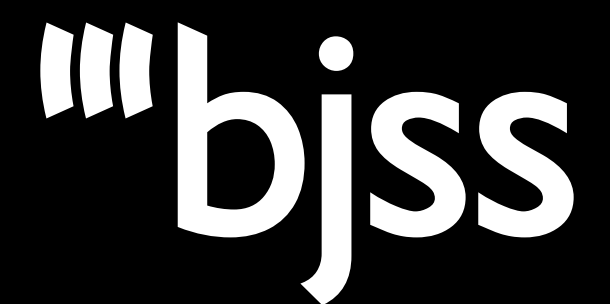
1. **Two-hour briefing**
   Outcomes: Gather and understand your drivers and requirements

2. **Two-day data-driven workshop**
   Outcomes: Start your journey to deliver insight based on your data

3. **Creation of a prototype**
   Outcomes: Launch the prototype and rapidly validate the use case

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Proven to solve your complex technology problems

BJSS is comprised of over 2,800 talented people working together on complex projects. We have 27 office locations across the UK, US, Europe, and Australia.

Clients who are seeing the results of Data EXP:

national highways

Homes England

CAREfertility

JUST.

Retail TRUST

Visit **bjss.com** to learn more