



Data Sagacity

Capability Statement

October 2023

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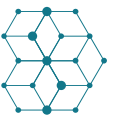
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Data Sagacity

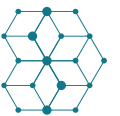
Executive Summary

Data Sagacity is a leading provider of elite data services, committed to guiding businesses through the complexities of their information landscape. Our vision is to empower our clients and our team to thrive in a rapidly evolving world of data and analytics. We believe in the power of collaboration and customisation, working closely with our clients to deliver solutions that meet their unique needs and drive real value for their business.

Our team of highly skilled data consultants takes the time to understand your organisation's goals, processes, and pain points. We develop strategies that are not only tailored to your specific needs but are also flexible, scalable, and adaptable. This ensures that your organisation can keep pace with the changing landscape of data and analytics.

Whether you're seeking to transform your existing data environment or build a new one from the ground up, Data Sagacity is dedicated to supporting you every step of the way. We are committed to delivering elite data services and value our clients as partners in our journey.

Join us in unlocking the full potential of your data and analytics initiatives through our collaborative and customised approach.



Data Sagacity

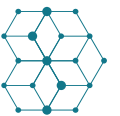
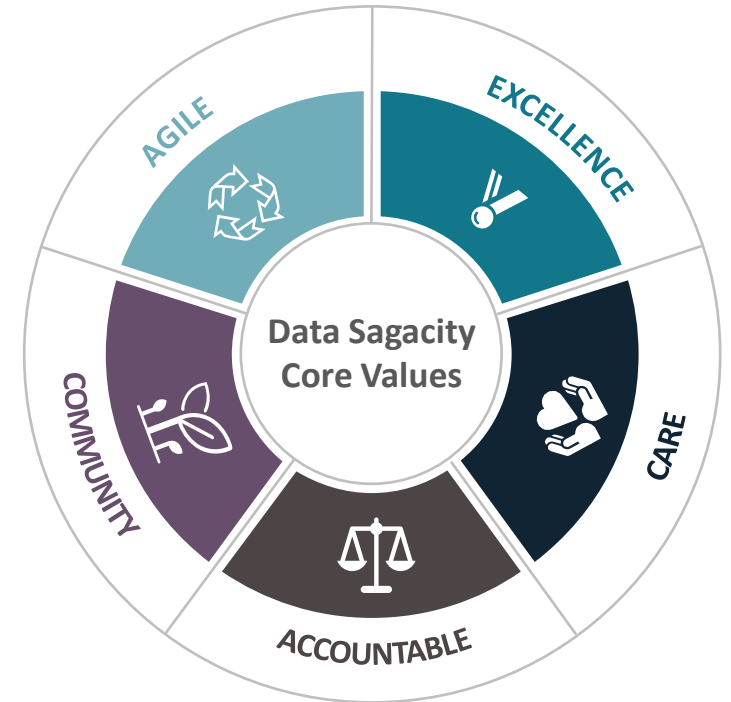
Company Overview

Data Sagacity is a **pioneering data services provider**, established with a vision to **redefine** the role of traditional technology providers in the data and analytics landscape. Our journey began with a simple yet powerful idea: to **empower businesses** to harness the full potential of their data.

Our team is a diverse group of talented individuals, each bringing a unique set of skills and experiences to the table. We are data **strategists, engineers, architects**, and **mentors**, united by a shared passion for data and a commitment to excellence. Our strength lies in our diversity and our ability to collaborate effectively to solve complex data challenges.

At the heart of Data Sagacity are our core values, which guide everything we do. These values were co-developed by our team to reflect who we are and what we stand for. They include **excellence, care, accountability, community**, and **agility** and carry a commitment to delivering value for our clients. These values not only define our culture but also guide our approach to every project we undertake.

In the rapidly evolving world of data and analytics, Data Sagacity stands as a **trusted partner**, guiding businesses through the complexities of their data landscapes. We are not just a service provider; we are a partner in your data journey, committed to delivering solutions that drive real value for your business.



Data Sagacity



Data Sagacity

Services & Solutions

We offer a **comprehensive** suite of data services designed to **empower** businesses to **harness** the full potential of their data. Our services are grouped into four main categories:



Data Strategy & Design

We help you envision and design a data ecosystem that aligns with your business goals, ensuring scalability and efficiency. This includes designing the overall data architecture and planning the strategic use of data across your organisation.



Data Management & Optimisation

We streamline your data processes, ensuring smooth migration, effective integration, and optimisation of data workflows. Our goal is to enhance the efficiency of your data operations and reduce costs.



Data Security

We prioritise the protection of your sensitive data. Our comprehensive security solutions ensure your data is handled with utmost care, maintaining confidentiality and compliance with data protection regulations.



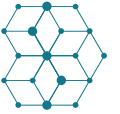
Data Empowerment

We equip your business with the knowledge and tools to leverage your data effectively. From mentoring your team to developing robust data pipelines and providing actionable analytics, we empower you to make data-driven decisions.



Data Strategy & Design

Our **Data Strategy** and **Design services** focus on creating a **robust** and **scalable** data ecosystem that aligns with your **business goals**. We design your data stores and architecture to ensure your data is organised, accessible, secure, and ready to provide **value** to your business.



Data Sagacity

Data Strategy Advisory

Our Data Strategy Advisory service helps businesses establish strategic blueprints for their data initiatives, ensuring that all data activities align with business goals. We work with you to develop reference architectures that provide a guide for your data infrastructure, ensuring it is designed to support your strategy. Additionally, we can create roadmaps that outline the steps to implement your data strategy, providing actions, next steps and a clear path forward.

Ecosystem & Data Store Design

In the era of big data, having a well-designed data ecosystem is crucial. We work with you to design a data ecosystem that is tailored to your business needs, ensuring that your data is organised, accessible, and secure. This involves designing data stores that can handle the volume, variety, and velocity of your data, while also ensuring scalability for future growth. By having a well-designed data ecosystem, your business can improve efficiency, make better decisions, and gain a competitive advantage.

Data Architecture

The structure of your data can have a significant impact on how effectively you can use it. We help you design a data architecture that aligns with your business goals and supports your data strategy. This involves determining how data will be collected, stored, managed, and used within your organisation. A well-designed data architecture can improve data quality, enhance data governance, and make it easier to extract valuable insights from your data.



Value Provided

Efficiency: A well-designed data ecosystem can streamline your data processes, reducing the time and effort required to manage and use your data.

Scalability: We design your data ecosystem with future growth in mind, ensuring that it can handle increasing volumes of data as your business grows.

Data Quality: A well-structured data architecture can improve data quality, making your data more reliable and useful for decision-making.

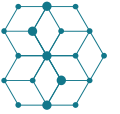
Data Governance: Our designs also consider data governance, helping to ensure that your data is managed in a way that meets regulatory requirements and best practices.

Insights: By organising your data effectively, we make it easier for you to extract valuable insights that can drive business decisions and growth.



Data Management Optimisation &

Our **Data Management** and **Optimisation** services focus on **streamlining** your data processes and making your data more useful and **accessible**. We handle data migration, integration, and optimisation, ensuring that your data is well-managed and ready to provide **value** to your **business**.



Data Sagacity

Data Migration

Transitioning data from one system to another can be a complex process. We handle all aspects of data migration, ensuring a smooth transition with minimal downtime. This includes planning the migration, preparing the data, executing the migration, and validating the results. By managing your data migration effectively, we can help reduce risks, minimise disruption to your business, and ensure that your data is ready to use in its new environment.

Data Integration

In today's business world, data often comes from a variety of sources. We help businesses integrate their data sources, providing a unified view of their data. This involves combining data from different systems into a consistent and useful format. Our team has extensive expertise in API integrations, enabling seamless data flow between different software applications. We also specialise in building bespoke solutions, tailoring our approach to meet the unique needs and challenges of your business. With our expertise, we ensure your data is not only integrated but also ready to provide valuable insights.

Data Optimisation

We help businesses optimise their data processes, improving efficiency and reducing costs. This can involve a range of activities, from streamlining data workflows to optimising data storage and retrieval. By optimising your data processes, we can help you get more value from your data, faster.



Value Provided

Efficiency: Streamlined data processes can reduce the time and effort required to manage and use your data, improving efficiency across your business.

Data Quality: Effective data migration and integration can improve data quality, making your data more reliable and useful for decision-making.

Unified View: Data integration provides a unified view of your data, enhancing decision-making and providing a more complete understanding of your business.

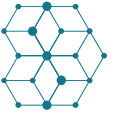
Cost Savings: Optimising your data processes can reduce costs associated with data storage and management.

Risk Reduction: Properly managed data migration reduces the risks of data loss or corruption, ensuring the integrity of your data.



Data Security

Our **Data Security service** focuses on **protecting** your **sensitive** data from unauthorized access and breaches. We implement **robust** security measures and **desensitise** data to ensure it can be used safely for analysis, providing **peace of mind** that your data is handled with the utmost care.



Data Sagacity

Data Privacy Consulting

In an era of increasing data privacy regulations, we offer consulting services to help businesses understand and comply with their data privacy obligations. This includes conducting data privacy audits, developing data privacy policies, and providing training on data privacy best practices. By prioritising data privacy, we can help protect your customers' data and ensure that your business complies with relevant regulations.

Data Security & Desensitising

At a time when data breaches are increasingly common, we understand the importance of data security. We offer comprehensive data security solutions to protect your sensitive information. This includes implementing robust security measures to prevent unauthorised access, as well as desensitising data to protect sensitive information while still allowing it to be used for analysis. By prioritising data security, we can help protect your business from the risks of data breaches and ensure that your data is handled with the utmost care.



Value Provided

Risk Mitigation: Robust data security measures can help protect your business from the risks of data breaches, including financial losses, reputational damage, and regulatory penalties.

Compliance: Our data security solutions can help ensure that your business complies with data protection regulations, reducing the risk of compliance issues.

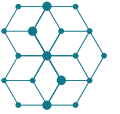
Trust: By prioritising data security, you can build trust with your customers and stakeholders, showing them that you take the protection of their data seriously.

Data Utility: Our data desensitising service allows sensitive data to be used for analysis without risking the exposure of sensitive information, maximising the utility of your data while minimising risk.



Data Empowerment

Our **Data Empowerment** services focus on equipping your business with the **knowledge, skills, and tools** to leverage your data effectively. We provide data mentoring, analytics, and engineering services, **empowering** you to make data-driven decisions and drive business growth.



Data Sagacity

Data Mentoring

We believe in empowering businesses to manage their own data. Our data mentoring services provide your team with the knowledge and skills they need to effectively manage and leverage your data. This includes training on data management best practices, data analysis techniques, and the use of data tools and technologies. By empowering your team with data skills, we can help enhance your internal data capabilities and foster a data-driven culture within your organisation.

Data Engineering

Our data engineering services include the development of robust data pipelines, data cleansing, and more. We handle the technical aspects of data management, ensuring that your data is well-structured, reliable, and ready for analysis. By optimising your data engineering processes, we can help improve data quality and make it easier to extract valuable insights from your data.

Data Analytics

We help businesses make sense of their data. Our data analytics services provide valuable insights that can drive decision-making and business growth. This includes data analysis, data visualisation, and the development of data-driven strategies. By leveraging your data effectively, we can help you make informed decisions that drive business growth.



Value Provided

Skills Development: Our data mentoring services can enhance your team's data skills, improving your internal data capabilities and fostering a data-driven culture.

Informed Decision-Making: Our data analytics services provide valuable insights that can inform decision-making and strategy development, driving business growth.

Data Quality: Our data engineering services can improve data quality, making your data more reliable and useful for analysis.

Self-Sufficiency: By empowering your team with data skills, we can help your business become more self-sufficient in managing and leveraging your data.



Data Sagacity

Industries Served

We have **extensive experience** serving a **diverse** range of **industry sectors**. Our team understands the unique data challenges and opportunities in each of these **industries**, and we **tailor** our services to meet the specific needs of our clients. Leveraging our **cross-industry** experience, we bring best practices to each project. Regardless of your industry, we're prepared to help you unlock the potential of your data.

Energy Infrastructure



We help energy companies manage and leverage their data to improve efficiency, reduce costs, and make informed decisions about energy production and distribution.

Financial Services



We work with financial institutions to enhance their data security, comply with financial regulations, and leverage data for risk management and decision-making.

Transport



We assist transport companies in optimising their logistics and operations through effective data management and analytics.

FMCG



We help FMCG companies understand their customers better, optimise their supply chain, and make data-driven decisions to improve their market position.

Education



We support educational institutions in managing student data, enhancing educational outcomes, and making strategic decisions based on data.

Government



We partner with government agencies to improve their public services, enhance their decision-making, and ensure compliance with data regulations.

Health



We assist healthcare providers and organisations in managing patient data, improving healthcare outcomes, and making informed decisions about healthcare services.

Technology



We enable tech companies to utilise their data, fostering innovation and competitiveness. Our services manage data ecosystems, secure data, and provide strategic insights.



Data Sagacity

Case Studies



Data Service: Data Optimisation

Industry: Energy Infrastructure (Natural Gas)

Value Delivered: Decreased runtime, reduced time constraints to meet KPIs

Opportunity for us to help:

Using a national accrual system, based on metered wholesale gas usage the client required accurate billing accruals to be identified for each retailer, for financial regulatory purposes. The client faced the issue of extremely slow run time processes – due to the quantity of data being built up over years in the hundreds of billions of rows. The system would freeze, reducing the available time to prepare and raise accurate accruals – creating an inefficient and highly stressful environment for the finance team to meet their KPIs.

Value we delivered:

Data Sagacity delved into the complex inner workings of the accrual process and rewrote much of the T-SQL to be more performant, but also adjusted the design of the tables, columns and indexes on the SQL Server database objects to reduce the disk size. This reduced the run time from 8 hours plus, to 1.5 hours. As a result, the data would be ready at the start of the workday, and if issues arose, the rerun time was able to be done within that business day.



Data Service: Data Strategy & Governance

Industry: Fast Moving Consumer Goods (FMCG), Wine

Value Delivered: \$Millions saved through reduction in dry goods obsolesce, and identification at risk inventory

Opportunity for us to help:

Data and Analytics processes and tools had grown organically in the organisation, globally, with varying levels of success and adoption. There were overlapping capabilities, data silos, multiple sources of 'truth' leading to low confidence at an executive level and spiralling ownership costs.

Value we delivered:

By analysing the current state, and with a focus on people, process and technology, we implemented a strategic data and analytics roadmap, focused on fixing the foundations first to enable future enhanced analytics.

This was supported by the pillars of Analytics, Governance and Fluency, where we built a strong culture with a clear vision and guiding principles. Our Centre of Excellence, and communities of practice, ensured success and that decision making was truly data driven.



Data Sagacity

Case Studies



Data Service: Ecosystem & Data Store Design and Data Analytics
Industry: Energy Infrastructure (Natural Gas)
Value Delivered: Increased efficiency, reduced labour hours

Opportunity for us to help:

The client faced issues with visibility and certainty over project scheduling and resource management tools and processes, for their extensive portfolio of ~400 projects. With impacts felt by Project Management, Contractors and impacting the delivery of projects on time, the client engaged Data Sagacity to help their Project Management Office (PMO).

Value we delivered:

We delivered a scalable, Resource Scheduling Solution that provided stakeholders with visibility over project schedules, resourcing and financial health. Following the Discovery methodology, we created a custom roadmap and recommendations for the design and implementation of the solution. This Power BI solution enabled access to real time project data sourced across SharePoint, MS Project and Power BI.

Post implementation, the client has seen a significant uplift in the accuracy of scheduling and management of projects. The PMO can utilise accurate, real-time data to plan and schedule their resources and there has been a reduction in hours to manage project information, as well as fix errors.



Data Service: Data Engineering – Data Analytics
Industry: Energy infrastructure (Natural Gas)
Value Delivered: : \$Millions saved on multi-billion \$ pipeline assets

Opportunity for us to help:

Extremely complex and untrusted data sets, complicated by technical naming conventions which were inconsistently applied. Our client wanted to combine data from numerous data sources but faced challenges, both internal and external to the organisation, to combine into one data picture. With trust in the data at its lowest, the organisation was overwhelmed with how to solve the issue and sought our services to help.

Value we delivered:

We rapidly simplified complexity through leveraging Data Strategy, its roadmap and overarching governance frameworks. This meant we designed and implemented a data ecosystem that was user friendly, overcame issues with naming conventions and being intuitive in nature, easy to implement. Building this capability enabled the delivery of high quality, meaningful information and insights to support informed decision making and huge reduction in missed KPIs to almost none.



Data Sagacity

Case Studies



Data Service: Data Optimisation and Data Mentoring
Industry: Property Technology
Value Delivered: 25% reduction in AWS cost, reduced labour hours

Opportunity for us to help:

Facing problematic performance issues and high costs with their widely used AWS cloud data platform solution (with SQL Server), the client was hopeful Data Sagacity could help utilise the environments full potential and reduce cost. While the client did have some inhouse data capability, this project was out of their scope and for a specific skillset. Data Sagacity was engaged for our unique skillset.

Value we delivered:

During the Discovery phase, we performed a full audit and upgrade of the AWS cloud platform. This included current services, metrics and how the system was being utilised. By understanding our clients specific pain points, together with their future aspirations for the platform, we delivered a bespoke solution that delivered immediate results.

We found opportunities for performance tuning which improved functionality and reduced monthly subscription costs. We reduced the time taken by the client team to use the database, resulting in less administration and more time can be spent on value-adding activities.



Data Service: Data Security
Industry: Health
Value Delivered: : Enabled opportunities, removed barriers to growth

Opportunity for us to help:

As a provider of data analytics for hospitals internationally, our client faced issues when developing their solutions due to the highly sensitive and tightly controlled nature of the data. Our client required a realistic, desensitised version of data that could be safely shared in the cloud. The data also needed to be accessible to those who developed and test solutions – without risking a data breach.

Value we delivered:

Data Sagacity developed a solution that scrambled/desensitised data while maintaining its integrity, including business rules and meaning. This removed any possibility of the data being traceable back to its true form. Our solution allowed our client to take the now desensitised database out of the locked down environment, and into a more accessible environment. Enabling a greater number of developers and testers to utilise and enhance the client's product.

Our desensitising process is repeatable, enabling the client to get much higher throughput in service offerings and enhancements. Previously an opportunity cost, our work removed the barrier to keep up with the high global demand.

Our People

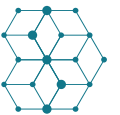
At Data Sagacity, we take **great pride** in our ability to **attract** and **retain** the best **talent** in the industry. Our focus on hiring top-notch professionals is critical to ensuring that we can offer our clients the very **best data services possible**.

Our principals serve as **leaders** within our organisation, helping us to cultivate and develop talent from within. This approach allows us to provide our employees with opportunities for growth and advancement, which in turn leads to a more **engaged** and **motivated** workforce.

We're committed to building a sustainable culture that values **excellence** and fosters a positive work environment. This focus on culture helps us to attract and retain top talent, and it ensures that our employees are motivated to deliver **exceptional results** for our clients.

With over 15 consultants on our team, we're proud to continue to attract the very best talent in the industry. Our dedication to delivering quality services and deliverables is a testament to our unwavering **commitment** to our clients.

Overall, we believe that our approach to talent management and our focus on excellence positions us as a leader in the industry. We're confident that we will continue to attract top talent and deliver exceptional services to our clients well into the future.



Data Sagacity

Meet Our Leadership Team



Cameron Wells

Managing Director



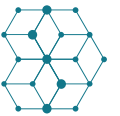
Daniel Lindsell

Principal Consultant



Ben Cruickshank

Principal Consultant



Data Sagacity

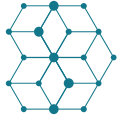


Cameron Wells

Managing Director

Connect with Cameron

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PROFESSIONAL SUMMARY

Cameron brings a wealth of expertise to his role as Managing Director of Data Sagacity. He honed his skills as a DBA in the healthcare industry, where he learned the value of thoroughness, data security, accuracy, and performance. He also gained a strong understanding of version control and the importance of maintaining data integrity across development, testing, and production environments.

Cameron has since become a leading expert in Business Intelligence and has brought together a talented team of professionals at Data Sagacity. Throughout his career as a consultant, he has had the opportunity to work with industry leaders and skilled professionals across various organisations and industries, further strengthening his expertise in the data realm, and adding many of the best to the team at Data Sagacity.

KEY COMPETENCIES

- Technology Leadership
- Project & Programme Management
- Business Analysis
- Solution Design
- Dimensional Modelling
- Performance Tuning
- Data storage design
- Database optimisation
- Innovative implementations of data platforms

EDUCATION & QUALIFICATIONS

- Bachelor of Computer Science, University of South Australia
- MCSE: Data Management and Analytics
- MCSA: SQL 2016 Database Development

INDUSTRY EXPERIENCE



Banking



Assets



Utilities



Insurance



Govt



Health



Retail



Education



Daniel Lindsell

Principal Consultant

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PROFESSIONAL SUMMARY

As a Principal Consultant at Data Sagacity, Daniel boasts a unique blend of technical proficiency and business acumen, honed through extensive experience in the design and implementation of Business Intelligence, Reporting, Analytics, and Data Warehousing solutions. He has a deep understanding of Data Governance, Digital Transformation, Information Delivery, Business Analytics, and Data Presentation, which he leverages to deliver innovative solutions that drive strategic and tactical decision-making for his clients.

Daniel has a demonstrated proven track record of leading and executing major BI strategies, building and mentoring high-performing teams, modernising traditional and legacy platforms, optimising business processes, reducing costs, and minimising time-to-insight. Daniel's passion for delivering human centred, data-driven outcomes and his ability to turn complex problems into simple and effective solutions, makes him an invaluable asset to Data Sagacity's clients.

KEY COMPETENCIES

- Technology Leadership
- Project & Programme Management
- Business Analysis
- Solution Design
- Data Governance
- Dimensional Modelling
- Ideation and Innovation
- UX Design
- Data Analysis & Reporting
- Data Visualisation & Story Telling
- Graphic Design & infographics
- Training, Culture & User Adoption

EDUCATION & QUALIFICATIONS

- Bachelor of Arts, University of Central England Bachelor of Fine Art (Hons)
- BTEC, GNVQ Art & Design A-Level Arts and Crafts
- BABOK
- DMBOK
- Lean Six Sigma

INDUSTRY EXPERIENCE



Utilities



Govt



FMCG



Rail



Education



Insurance



Health

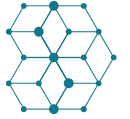


Ben Cruickshank

Principal Consultant

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PROFESSIONAL SUMMARY

As a Principal Consultant at Data Sagacity, Ben brings over 20 years of experience as a Senior Developer. Ben is dedicated to delivering customised, data-driven solutions to clients in various industries, leveraging his expertise in SQL, C#/.NET Framework, APIs and data warehousing. In addition, Ben specialises in advanced dataflow Power BI development and data analytics, Azure Function and AWS Lambda development.

With a focus on excellence and a passion for thinking outside the box, Ben has a proven track record of success in delivering innovative solutions to complex problems. As a leader in client projects, he showcases the value of data in addressing business challenges and excels in his ability to solve problems and provide the best solutions.

Regardless of client complexities, Ben excels at optimally transferring data with a keen eye for detail and best practices. His unique blend of technical prowess and problem-solving skills make him an asset to Data Sagacity and your organisation.

KEY COMPETENCIES

- Project & Programme Management
- Business Analysis
- Solution Design
- API Development & Integration
- Quality Assurance
- Database Design & Development
- Data Analysis and Reporting
- Coaching & Mentoring
- Agile Project Methodology Champion

EDUCATION & QUALIFICATIONS

Adelaide University

- Bachelor of Mathematical and Computer Sciences

INDUSTRY EXPERIENCE



Utilities



Health



Manufacturing



Retail



Insurance

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Cameron Wells | Managing Director



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Data Sagacity