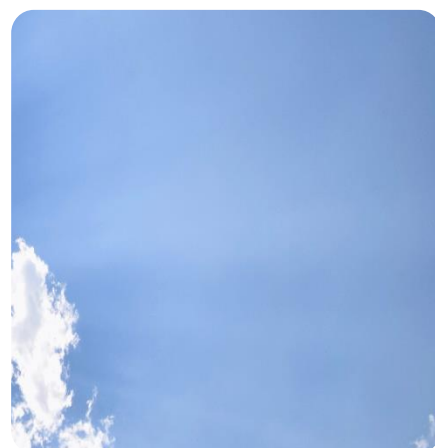




Crown
Commercial
Service



Data Strategy

GCloud Service Description

Bringing Ingenuity to Life.
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1 Data Strategy

1.1 Short Service Description

PA's Data Strategy service enables organisations to become more data-driven, obtaining value from data that is well managed, governed and secured. Harnessing data as a strategic asset, we define the technology, processes, people and organisation required to utilise data for analysis and actionable insight, improving data culture and data maturity.

1.2 Key Service Features

1. Develop a data strategy driven from strategic business goals.
2. Assess, benchmark, and refresh your current data strategy.
3. Data Foundations provides a single framework and common tools.
4. Prioritise initiatives based on business value and complexity.
5. Develop a roadmap of business and technical change.
6. Design an operating model with clear roles and skillsets.
7. Understand emerging legal, regulatory, and policy guidance issues.
8. Prepare for Artificial Intelligence opportunities.
9. Leverage PA's partner status with Microsoft, AWS, and Google.
10. Utilises PA's data strategy experience across sectors.

1.3 Key Service Benefits

1. Become a data-driven, intelligent organisation.
2. Rapidly define a tailored, achievable, and impactful data strategy.
3. Improve data governance and data management maturity.
4. Embed a culture of data into organisation decision making.
5. Get the right data to the right people at the right time.
6. Improve data quality, data access, and data literacy.
7. Spend less time preparing data for advanced analytics.
8. Inform investment in data management and analytics technologies.
9. Adopt and scale Artificial Intelligence and Machine Learning models.
10. Enable Cloud, Hybrid, or on-premises data platforms.

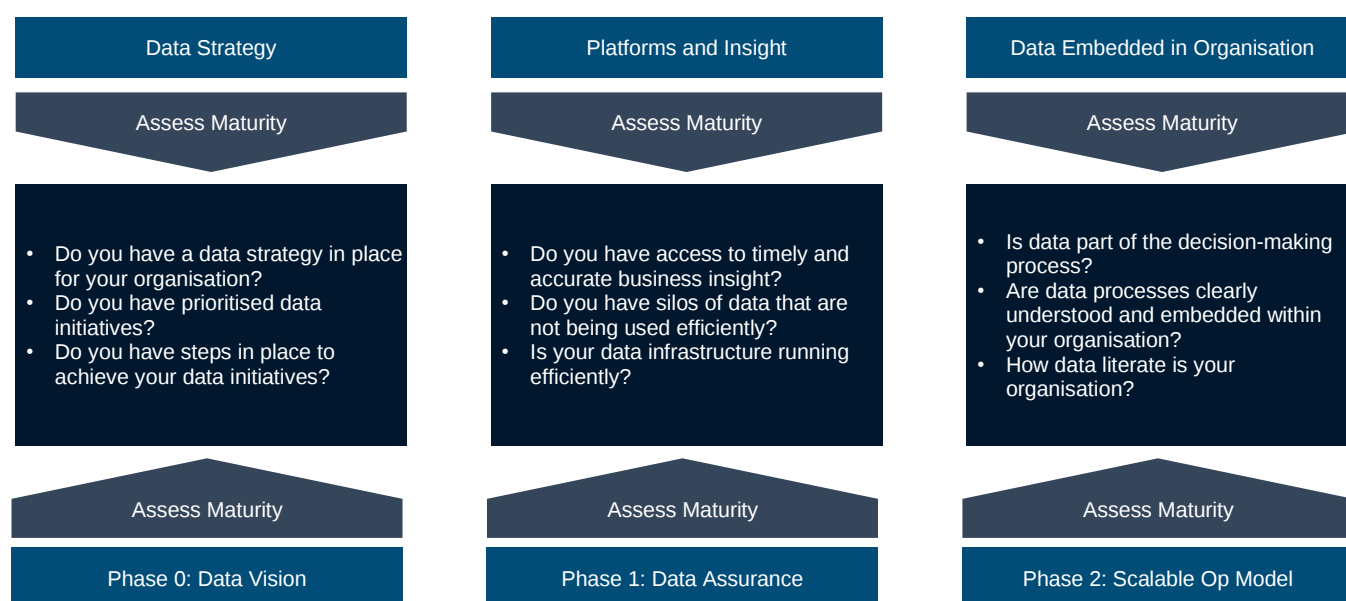
1.4 Service Definition

Unlocking the value of your data

Data has proven increasingly itself to be a strategic asset that can unlock tremendous value for organisations. Data volumes continue to grow exponentially and new data-driven technologies including Artificial Intelligence and Machine Learning are creating new opportunities for innovative use of data that can drive insights, deliver consumer satisfaction and deliver improved organisational outcomes.

Leaders know that they need to use their data to drive business decisions, become more customer centric, generate efficiencies and reduce costs. With greater prominence of AI, organisations need to understand how they harness their data and benefit from new data-driven technologies.

PA can help you to develop a Data Strategy bespoke to your organisation, built upon the data that you can legitimately obtain, access and use, based on your organisational goals and ethical values, utilising extant and emerging technologies and skills supported by effective data management and governance. Your Data Strategy will establish your baseline level of data capability using PA's Data Foundations framework with prioritised strategic themes, mature data governance and management processes and a fit for purpose operating model.



Having established your organisation's level of maturity across each dimension of the Data Foundations framework, we will help you identify the key elements of your Data Strategy, where you can leverage existing capability and where you need to invest in tactical change and strategic transformation to fully leverage the value of your data.

A robust Data Strategy underpins the intelligent organisation



In increasingly competitive markets, organisations need to leverage their data to drive business decisions, become more customer centric, generate efficiencies and reduce costs. As such, firms need to establish a robust data foundation to enable their transition from a Digital Enterprise to the Intelligent Enterprise to ensure their survival.

CEOs who are best positioned to embrace emerging technologies- pivoting their organisations towards Intelligent Enterprises – will be those who prioritise their Data Strategy, identifying prioritised strategic themes, and developing mature data governance and management processes and a fit for purpose operating model.

The accelerated pace of technological change has underscored the urgency for companies to mature their Data Foundations. This requires not just an organisational mindset shift, but also strategic restructuring, investment in talent, and a heightened awareness of data governance and management approaches.

Your Data Strategy will help you to become a data-driven, intelligent organisation:

1. Mature your data management and data governance practices
2. Invest in the right analytics, big data and cloud technologies and skills
3. Adopt and scale AI and ML models
4. Develop your people's data literacy and drive a culture and ethical framework that maximises your safe use of data and data-driven technologies
5. Develop your data maturity incrementally, or transform rapidly
6. Build an effective and secure supply chain of data suppliers and technology experts
7. Ensure you are compliant with legal, regulatory and policy requirements

1.5 Why PA?

PA Consulting Group (PA) is a leading IT consultancy and one of the largest advisors to the UK government. We work as a trusted partner to help the UK Government apply an assured cloud delivery approach when developing their most complex information systems and cloud solutions.

PA is well placed to work with clients to help assess readiness, design, build, deliver, and test, to take advantage of cloud solutions. We will bring:

- Leading experience in identifying the costs and complexity drivers for moving existing or new IT services to cloud environments.
- Experience and knowledge to challenge the client organisation to ensure the key stakeholders are aligned ahead of the move to a Cloud solution.
- Access to the latest cloud vendor migration developments, ensuring a best-in-class approach, based on our work with major clients in both the public and private sector in the UK and overseas.
- Experience supporting cloud, in-house and hybrid systems side-by-side

More specifically we will bring:

Ideation & Strategy:

- Cloud strategy and advisory services
- Assessment of cloud readiness
- Cost-benefit analysis and ROI modelling
- Security and compliance assessment

Design & Architecture:

- Custom cloud architecture design
- Integration with existing IT infrastructure
- Multi-cloud and hybrid cloud solutions
- Disaster recovery and business continuity planning
- Robust solution delivery meeting GDS best practice and ISO27001

Development & Deployment:

- Cloud-native application development
- Containerization and microservices & serverless architecture
- DevOps practices and CI/CD pipeline setup
- Automated testing and quality assurance

Implementation & Migration:

- Data migration to the cloud
- Legacy application modernization
- Cloud service provider selection and management
- Implementation of Infrastructure as Code (IaC)

Operations & Management:

- Continuous monitoring and incident management
- Performance optimization and cost management
- Backup and restore operations.
- User training and change management.

Innovation & Scaling:

- Scalable infrastructure to support growth.
- Implementation of AI and machine learning capabilities
- Internet of Things (IoT) integration
- Ongoing innovation workshops and R&D

1.5.1 Social Value

Building a positive human future is at the core of PA's organisational purpose and we live this value as a key advisor and partner to the UK public sector and by delivering tangible benefits to communities and society.

We are passionate about the positive impact PA can have on wider society, making a significant contribution to efforts in tackling inequality, wellbeing, online safety and ensuring effective stewardship of the environment and fighting climate change.

We are committed to maximising Social Value by using our specialist knowledge and skills to develop firm-wide health, well-being and, diversity and inclusion initiatives for our own people, project-specific initiatives with our clients and wider community benefits. We can work with you to deliver measurable improvements across your key social value initiatives.

1.5.2 Security Clearance

PA are a government List X accredited company who have a dedicated Security Vetting team. This allows PA to achieve security vetting of its employees in a time effective manner ensuring the correct processes are always followed (In accordance with the Security Policy Framework). As a matter of standard process, PA puts all its eligible employees through the Baseline Personnel Security Standard (BPSS), set out by the Cabinet Office. Those employees working on, or planning to work on, government projects are automatically put forward for SC clearance which are processed via UK-SV (formally the

Defence Business Services – National Security Vetting). PA also process DV vetting through the UK-SV and other agencies, these are generally client sponsored.

PA currently have a large pool of cleared individuals (80% of UK Staff). Should a resource be identified where clearance is needed, the PA Security Vetting team will then process the individual through the relevant clearance procedure. The team will also be able to validate all existing clearances held by PA employees when requested.

1.5.3 Next Steps

This service is intended to help customers develop and deliver successful outcomes regardless of the life cycle stage they are at. PA prides itself on working with clients and helping them to deliver outcomes whilst also providing them the ability to 'stand on their own' so that they can move their solutions forward without future involvement. Please contact us on GCloudFramework@paconsulting.com to discuss your needs further.



About PA.

We believe in the power of ingenuity to build a positive human future.

As strategies, technologies, and innovation collide, we create opportunity from complexity.

Our diverse teams of experts combine innovative thinking and breakthrough technologies to progress further, faster. Our clients adapt and transform, and together we achieve enduring results.

We are over 4,000 strategists, innovators, designers, consultants, digital experts, scientists, engineers, and technologists. And we have deep expertise in consumer and manufacturing, defence and security, energy and utilities, financial services, government and public services, health and life sciences, and transport.

Our teams operate globally from offices across the UK, Ireland, US, Nordics, and Netherlands.

PA. Bringing Ingenuity to Life.

Discover more at paconsulting.com and connect with PA on [LinkedIn](#) and [Twitter](#).

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