

Data Specialists Talent Pool



G-Cloud 15: Service Definition Document

R E G I S T E R
D Y N A M I C S

Contact: hello@register-dynamics.co.uk
www.register-dynamics.co.uk

What is our Data Specialists Talent Pool?

Register Dynamics provides a flexible, scalable pool of technology, data, digital, and business specialists. Our team supports organisations in delivering, optimising, and maintaining cloud services, including data platforms, migration, and architecture projects. The talent pool extends your team with repeatable, outcomes-focused expertise to support cloud service delivery.

Flexible and Cost Effective

Access technology, data, digital, and business specialists to support cloud service delivery.

Bring in one Senior Leader, an individual specialist, or a full team to support repeatable, outcomes-focused projects including cloud migration, optimisation, or architecture analysis.

Diverse and Agile Team

Our team brings together data architects, scientists, and protection specialists, alongside senior leaders such as Chief Data Officers.

They integrate seamlessly with your projects, helping deliver cloud migrations, optimise platforms, and support architecture decisions — providing expert guidance that's practical, hands-on, and focused on outcomes.

Training and Knowledge Transfer

Knowledge transfer and learning are built into every cloud project we support.

Our specialists work alongside your team to embed best practices for cloud migration, optimisation, and architecture.

We also provide standard training and mentoring on an ad hoc or retainer basis, enabling your team to continue cloud operations independently.

Meet some of our team

We have a strong track record in working with the UK Government and delivering Government services successfully. Whether you need someone to support you in an advisory role, or to help design, manage, lead or implement projects - we will find the right person to partner with you.



Simon Worthington

- 12+ years as a data technology architect for GDS, DEFRA, DBT and BAE System
- Held roles from Data Architect to Head of Data Architecture to Chief Data Officer

- Led delivery of DBT's large scale Tariffs data platform, working with 11 Departments to ingest and cleanse 2.5m tariff policy records in time for Brexit
- Delivered UK Gov's first new open data standard since 2018
- Created a groundbreaking new Data Maturity Model and Framework for authoritative data management for DEFRA



Andy Bennett

- 20+ years experience working in technology for GDS, DfE, StatsWales, MoJ, CDDO, Knodium and Skipjaq
- Founding member of the Data Standards Authority at GDS

- Pioneer of the Personal Data Exchange Programme (key part of the Government Transformation Strategy) to transform online services for citizens
- Contributor to the Technology Code of Practice (TCoP) section 10
- Former HESA Data Futures Programme Board Member



Alaric Snell-Pym

- 25+ years experience building data intensive services
- Experience priming databases and managing ingestion into central data platforms at Teradata, RainStor and Volo Commerce

- Developed data dictionaries and architecture documentation as a Data Architect for DfE



Al Norman

- Data engineer and Data scientist with a background in education
- Specialist in data and statistical analysis, visualisation, machine learning and data learning models



Owain Jones

- 6+ years experience as a senior technologist and data architect for StatsWales, DBT, Expanso and Energy Saving Trust
- Specialist in data processing, data analysis and AI

- Author of Artificial Footprints: The Environmental Impact of AI report

How we Work

Agile ways of working

We use agile principles to deliver cloud projects in flexible, iterative cycles. Our teams collaborate closely with your stakeholders, prioritising outcomes for migration, optimisation, and architecture work. This approach ensures projects remain adaptable, deliver value incrementally, and allow continuous improvement throughout cloud service delivery.

Data back up and disaster recovery

All of the data stored in cloud databases are backed up daily, in accordance with service level agreements and with the relevant hosting providers. Third party suppliers are reviewed regularly to ensure compliance with GDPR.

Our specialists support the implementation of robust business continuity and disaster recovery strategies, ensuring data can be efficiently recovered in the event of a disruption.

Ordering and invoicing

Please get in touch at hello@register-dynamics.co.uk to discuss specific invoicing needs

Onboarding and offboarding support

We see ourselves as an extension of your team, department, and organisation.

During onboarding, we get to know your staff and key stakeholders involved in each cloud project. We also recruit highly skilled agile professionals to ensure the right expertise is available for the right cloud projects and teams.

For offboarding, we agree a clear plan to hand over cloud operations to your team. This includes documenting knowledge transfer, sharing information, and implementing relevant security measures.

All customers are assigned a Senior Account Director who will be your main point of contact and project lead.

Service constraints and service levels

We have no known constraints to the services that we offer and all service levels are agreed on a contract by contract basis.

Pricing

Please see our SFIA Rate Card for our price matrix.

Some of our clients in Government



Government
Digital Service



Department
for Education



Office for
Artificial
Intelligence



Department for
International Trade



Ministry
of Justice



Department
for Environment
Food & Rural Affairs



Cabinet Office
Digital



Central Digital
& Data Office



Department
of Health &
Social Care

Case Study: Making trade policy into operational data

DEPARTMENT OF INTERNATIONAL TRADE (DIT)

The United Kingdom was set to leave the European Union on the 1st January 2021. This meant that the UK needed to form a new independent trade policy and have all the systems in place to store it, manage it and transmit it successfully to various border systems and traders by this deadline.

DIT needed a way to store and manage this new independent trade policy along with all of the data associated with it and to enable individual traders in the UK and abroad, trade experts and other governments to access it.

This meant that the new system needed to be intuitive and easy to use by non-technical domain experts and to contain all of the data representing the UK trade policy by the 1st January 2021. It also needed to follow the existing, rigid European data standard and to add to the challenge, the new independent trade policy was in constant flux and was still being agreed right up until the deadline, with a last minute signing of a UK-EU trade agreement on Christmas Eve 2021.



What we did

Register Dynamics led a team of 10-14 researchers, designers and developers to build and deliver the new system to handle all the data associated with the new independent trade policy. Our leadership approach focused on setting direction, making prioritisation decisions and defining agile sprints.

We developed both the [technical and data architecture for the new system](#), called the [Tariff Management Tool](#), working to understand and evolve a legacy EU defined data model to ensure that it met the needs of the UK and allowed for efficient digital journeys for the users. We implemented and expanded upon the strategic vision for the system and evolved the data architecture much further beyond the initial brief.

Our work involved us engaging closely with many policy stakeholders across the Department and wider Government. We developed excellent relationships with them and carefully ensured that their requirements were always well understood and that they were a part of the agile process. We also took on board what reporting needs they each had and made sure that these were embedded into the data management tool too.

As well as developing the Tariff Management Tool, it was also important to find a way to migrate all of the data representing the new trade policies of 30 policy teams across 11 UK government departments into it. This was a major data migration operation and we were pleased to have successfully completed this (i.e. migrating over 400,000 data records), before the Tariff Management Tool had reached full operational maturity.

As part of our work we recognised that the UK Tariff data product we had created had significant value to a wide set of users. To

support this, [DIT decided to release the data as an open data set under an open licence](#) and provided a [manual of explanatory guidance](#) to help users get the most out of the data and the service.

We also designed and implemented a training programme to help up-skill team members in-house and to explain the complexities of the legacy data model. This included creating many hours of video content, which each new team member now views, and uses as a key part of their onboarding.

The result

The Tariff Management Tool was delivered with the UK Tariff data on time for the 1st January 2021. The [UK Global Tariff service](#), which helps users find and compare the tariffs, was launched in May and ran throughout 2021. It offered the UK Global Tariff data as an open data set that is available in both spreadsheet format and as an API. This was well received and led to further research and development on the data and its users, resulting in the release of the full UK Tariff data set.

The [full UK Tariff data set](#) is now live and in active use. It includes commodity codes, more items of reference data, legislated preferential rates and many more components not available previously.

We continue to support all of the new services that have gone live and have done so for more than 18 months already. We have also been asked to continue with our [pioneering user research and explorations on different ways to further utilise the data](#). This includes establishing new ways to make the data more user-friendly and accessible, as well as developing further content to support better understanding of the concepts behind the data in detail.

We also offer support with specific Discover, Alpha and Beta Phases

DISCOVERY PHASE SCOPING FOR DATA DRIVEN CHANGE

Our Discovery phase focuses on understanding users, their needs and behaviours, alongside the business processes, policies and technical constraints involved in creating an effective digital service.

ALPHA PHASE FOR DATA DRIVEN CHANGE

Our Alpha delivery service offers a technical prototype, design and build of a digital service. This includes drawing insights from Discovery, creating and testing prototypes, developing a minimum viable product (MVP) or proof of concept (POC) and testing it with users.

BETA PHASE FOR DATA DRIVEN CHANGE

Our Beta delivery service develops and tests the minimum viable product (MVP) at a larger scale. Building on earlier Discovery and Alpha phases, it delivers a new digital service, platform or tool, and introduces it to real users via private and public betas.

We also offer Head of Data as a Service and Head of Data Coaching and Mentoring

HEAD OF DATA AS A SERVICE

Head of Data as a Service (also known as CDOaaS / CDO as a service) supports senior leadership with their data responsibilities.

Strengthen your data capabilities, data team and work with us to drive business value through data. Get support with data strategy, digital transformation, data architecture, data governance and more.

HEAD OF DATA COACHING AND MENTORING

Head of Data or Chief Data Officer Advisory Service offers coaching, mentoring and executive development for Heads of Data, CDOs, CIOs, CTOs and/or your senior leadership team.

Through a dedicated CDO coach, mentor and advisor, get real-world advice and strategic support on all things data, digital and the Cloud.

About us

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Register Dynamics is an independent data and technology consultancy based in the UK. We are a team of technical, data and business specialists working with public and private organisations to support them with their technical and data challenges.

We also offer more traditional data consultancy across the following strategic areas: Data strategy, Digital transformation, Data governance and Building data maturity as well as in operational areas such as: Data management, Data cataloging and cleansing, Data standards, Technical assurance.

We pride ourselves on supporting organisations to drive their data agenda forwards. This includes implementing data and analytics strategies to boost data intelligence, building data capability that drives business value, establishing good data governance and nurturing a data-driven culture.

www.register-dynamics.co.uk | [@RegDyn](https://twitter.com/RegDyn)



If you have any questions please do not hesitate to contact us at:
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