



Service Definition
Data Engineering

About Olive Jar

Who We Are

Olive Jar Services include a range of activities that ensure successful implementation of your cloud service. We design and deliver cloud based services from Discovery to Live. We provide full agile multi-disciplinary teams who are ready to commence work on your service immediately.

Our teams are agile skilled resources who have specialist knowledge in their fields of expertise. This includes areas such as User Research, Design, Test, Implementation, Development, QA, Data Migration, Architecture, Security, Scalability and Maintainability of Cloud services.

We work with your internal teams, building the service to achieve the goals set. We can coach internal teams and mentor your team as needed, to help them upskill rapidly.

Data Engineering

Olive Jar Digital's Data Engineering experts will help you harness the power of your own data. We will ensure you utilise the full capability of your data platforms in your cloud-based services, helping you to gain valuable insights that you can exploit to further your business.

Turning data into useable information can be achieved with the extensive experience of our data teams. They have first-hand knowledge of building data pipelines, exposing real-time information radiators. We will offer guidance on the best approach to data engineering for your cloud-based services. Adhering strictly to security and privacy guidance, data will be combined from multiple sources, following DevOps and Continuous Delivery principles.

This service ensures your organisation's goals, budgets and digital strategies are aligned with your data and support your desired outcomes. We'll suggest the right tools and infrastructure dependant on business needs, with a consistent focus on adding value.

Features

- Business operations optimised using data solutions
- Delivery across the entire Software Development Lifecycle
- Data pipelines iterated and proven for simple models
- Collaborative working rapidly produces lean outcomes
- Reusable APIs surface pipelines, predictions and recommendations
- Olive Jar experts map existing and new data flows
- Performing Extraction, Transformation and Load processes
- Coaching, mentoring and training to build in-house capabilities

Benefits

- Using our knowledge from many other Government projects
- Implementing new tools and technologies reducing costs and time
- Leading projects, ensuring delivery and risks known and mitigated
- Experts offering many languages including Java, Python and Scala
- Increased decision making speeds due to rapid prototyping
- Working in Agile enables increased data insights
- Long-term internal capability skills improved
- Data sharing increased across organisational silos
- Security/data protection compliant data handling
- Ability to scale teams as required

Services offered but not limited to:

- Agile Coaching and Mentorship
- Product Ownership
- Service Ownership
- Delivery Management
- User Research
- User Experience
- Content & Service Design
- Prototyping and Implementation
- Migration
- Full Stack Development
- Auditing
- AI & Machine Learning
- Support

Features

- Research, Architecture and Design
- Building the service to be maintainable, scalable and secure
- Supporting the service once live
- Aligning to GDS Service Standards when necessary

Benefits

- Continuous improvement
- Continuous deployment
- Reduction of errors and live costs
- Security

A selection of our Public Sector Clients:



Department for
Business & Trade



Office for Product
Safety & Standards



Department
for Education



Standards
& Testing
Agency



Department
of Health &
Social Care



Department for Levelling Up,
Housing & Communities



Leeds
CITY COUNCIL



England



Health Education England