

[amber labs]

Amber Labs

Secure Transformation, Without Compromise

AN INTRODUCTION

INTRODUCTION TO AMBER LABS

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SME Digital Transformation Consultancy - Amber Labs are a specialist consultancy helping Public Sector deliver technology change at a pace

Robust and Transparent Delivery & Governance - our processes align to the Service Manual and Technology Code of Practice

Rapid Consultant Deployment Framework - our deployment framework ensures we provide value in weeks rather than months

Diverse Presence & Capability - we have 100+ Consultants deployed across a range of Government departments, with over 80% of our staff living outside of London

CLIENTS



TECHNOLOGY



GOVERNMENT ALIGNMENT



Our work follows
Government Service
Standards



Cyber Essentials Plus
Certified



100% of staff are BPSS
& majority Security
Cleared

OUR CAPABILITIES

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DATA ENGINEERING	AI & ANALYTICS	CLOUD ENGINEERING	DIGITAL TRANSFORMATION	DELIVERY
Data Quality	Business Intelligence	DevOps	Front End Development	Testing
Data Architecture	Generative AI	Cloud Provisioning	Back End Development	Business Analysis
Data Governance	Data Mining	Cloud Security	Full Stack Development	PMO
Data Integration	RPA	Deployment Automation	Enterprise Architecture	Resource and Budget Management
MDM	Predictive Analytics	Cloud Monitoring	UI/UX Design	Agile/Scrum Delivery
Data Lake & Warehouse	Machine Learning	Cloud Architecture	Solution Architecture	
	Data Science		Business Architecture	
			Software Engineering	

DATA QUALITY, METADATA, CATALOGUE & LINEAGE

SERVICE DEFINITION

DATA QUALITY, METADATA, CATALOGUE & LINEAGE

We help public sector organisations improve trust in their data by establishing practical data quality controls, metadata management, and lineage that can be maintained over time. This supports reliable reporting, safer change, and clearer ownership across teams and suppliers.

SERVICE FEATURES

- Data quality assessment
- Critical data elements definition
- Quality rules design
- Quality dashboards
- Metadata and catalogue configuration
- Lineage mapping
- Improvement backlog
- Handover packs
- Monitoring cadence
- Run support options

SERVICE BENEFITS

- Improved trust in data
- Reduced operational risk
- Faster impact on priority data
- Improved auditability
- Better value for money

SUMMARY

- We help public sector organisations improve trust in data so reporting and operational decisions are based on consistent, auditable information.
- Delivery usually starts with a Scale phase to implement quality rules, metadata and lineage for priority datasets, with an optional Run service to monitor quality and drive continuous improvement.
- The aim is to make issues visible early and easier to fix.

APPROACH

- Profile priority datasets to establish a baseline and key risks
- Define data quality rules and thresholds aligned to business outcomes
- Implement automated quality checks within pipelines where appropriate
- Configure metadata and catalogue approach for ownership and discoverability
- Establish lineage capture to support audit trails and troubleshooting
- Optional Run service to monitor quality and manage remediation backlog

GOVERNANCE

- Data quality reports showing baseline issues and trends
- Metadata model including definitions, ownership and classification cues
- Lineage model and evidence suitable for audit and assurance
- Decision log for rule changes and quality thresholds
- Monitoring and alerting dashboards for data quality and pipeline health
- Runbooks for triage and recovery of common issues; Run (if purchased): MI reporting, service reviews and prioritised continuous improvement backlog
- Transition-in/out (2–6 weeks) for Run including onboarding, baseline setup and exit plan

Get in touch



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