Intelligent Data Lake and Analytics

Unlock the value of your data in just 6 weeks.

The Challenge

Every organisation holds data in different places, in multiple formats and across departments – making it near impossible to visualise, compare and analyse for true business value.

Transforming this data in to tangible, actionable insight can be time consuming and expensive, often involving a lot of manual man power, which is prone to human error.

As companies grow, more and more systems are often utilised across departments including HR, Finance, Operations Sales and Customer Service and the mass of data can become overwhelming, expensive to store and fragmented.

In a world where the digital bar has been raised and consumers expect services tuned to their needs, companies require agile systems that can identify trends, predict problems, adapt to changing environments and continually learn, allowing them to truly exploit their historical and real-time data to the best effect.
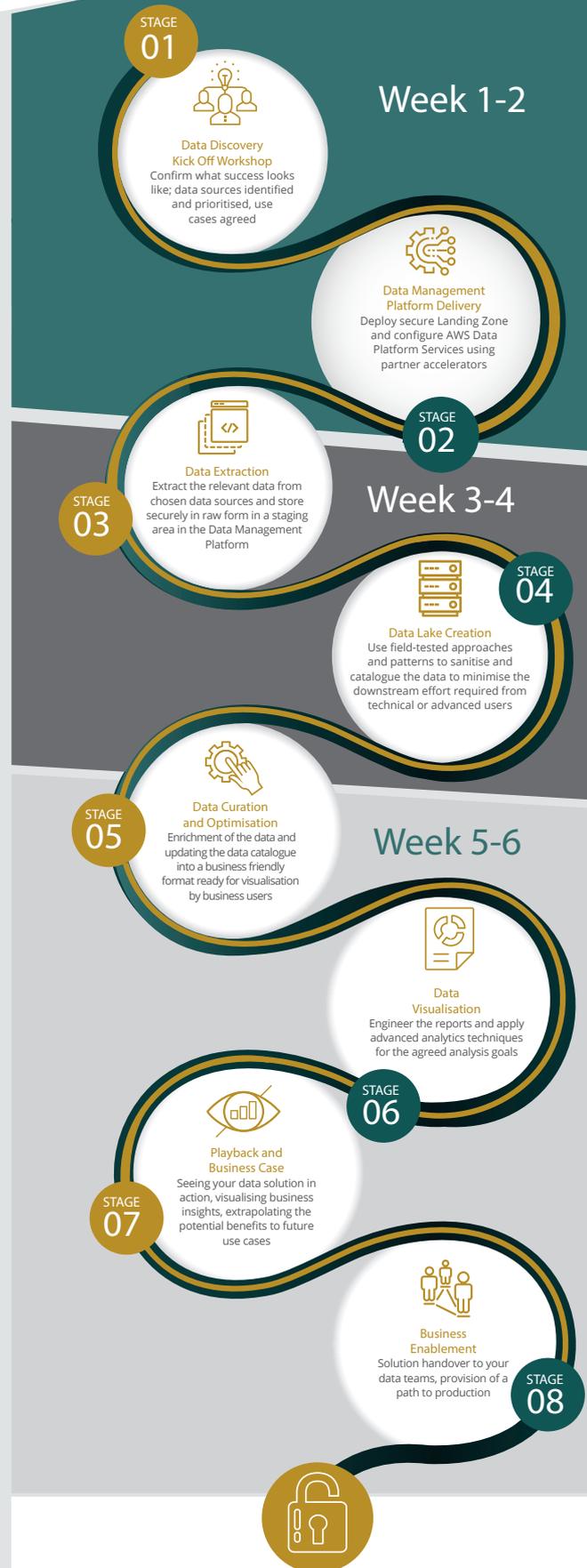
Having no single source of truth or a way to merge data from multiple sources often means businesses face complexity and cost in storing, accessing and combining their data which proves prohibitive and can prevent organisations from taking any real steps forward in their data discovery journey.

The Solution

Inawisdom allows businesses to uncover the value held within their data by utilising powerful tools to first bring your fragmented data together and then harness the real data insights within it.

We can rapidly provide you the answers to how you can reduce cost, improve business operations and drive service excellence by turning the data you already hold in to business intelligence.

As a leading data analytics and AI/ML expert, Inawisdom have created a compelling 6 week engagement that leverages our proven experience in data discovery and our extensive Amazon Web Services (AWS) expertise, to swiftly deliver you a compelling Proof of Value, showcasing your chosen data like you've never seen it before.

Week 1-2

STAGE 01
Data Discovery Kick Off Workshop
Confirm what success looks like; data sources identified and prioritised, use cases agreed

STAGE 02
Data Management Platform Delivery
Deploy secure Landing Zone and configure AWS Data Platform Services using partner accelerators

Week 3-4

STAGE 03
Data Extraction
Extract the relevant data from chosen data sources and store securely in raw form in a staging area in the Data Management Platform

STAGE 04
Data Lake Creation
Use field-tested approaches and patterns to sanitise and catalogue the data to minimise the downstream effort required from technical or advanced users

Week 5-6

STAGE 05
Data Curation and Optimisation
Enrichment of the data and updating the data catalogue into a business friendly format ready for visualisation by business users

STAGE 06
Data Visualisation
Engineer the reports and apply advanced analytics techniques for the agreed analysis goals

STAGE 07
Playback and Business Case
Seeing your data solution in action, visualising business insights, extrapolating the potential benefits to future use cases

STAGE 08
Business Enablement
Solution handover to your data teams, provision of a path to production

Its time to unlock the value in your data

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Our Offering

Our Data Lake and Analytics offering provides a way to bring all of your data together into a common, cost effective and 100% cloud-native data lake deployed in AWS.

Within just 6 weeks, we provide a Proof of Value to transform and better visualise your data, related to a selected use case, to enable and you to realise the incredible benefits of a data lake with advanced analytics.

During the 6 week engagement, Inawisdom use their accelerator tools to take data from a range of sources and rapidly establish the data lake. We then follow a proven, rapid process for the enrichment of the data, delivering it in a business friendly format ready for visulisation by multiple business users.

Best-in-class analytics are then applied to create intelligent dashboards and visualisations to demonstrate the value held within your data.

Along with this rapid Proof of Value, our expert team will also draw out a robust path to production and a business case for extending the value, so you can continue your journey to truly differentiating your business for long term success.

Deliverable Benefits

Accelerated Data Discovery:
Quickly identify business trends from multiple data sources to improve business operations, uncovering unknown insights

Business Operation Visualisation:
Extract Key Performance Indicators from a single source of truth produced from disparate source data platforms, eliminating fragmentation

Data-Driven Business Performance:
Enable real-time data analysis, leading to intelligence-led decisions being made quickly and effectively

Cost Effective Tools and Approaches:
Store raw data in the best value form in a 100% cloud- native platform with near infinite compute power brought online to process it only when you need to

Automated Data Excellence:
Enable reliable, repeatable, scalable and secure data storage. Define access through agreed policies and parameters

Broaden the Data User Base:
Build business-friendly data field names and descriptions, captured in data cataloguing, unlocking the information for basic as well as advanced data enquiries

It's time to unlock the value in your data

Get in touch today
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About Inawisdom

Inawisdom was founded in 2016 and is a leader in Artificial Intelligence (AI) and Machine Learning (ML). They are specialists in advanced analytics, BI/MI and Data Science, providing full-stack Amazon Web Services (AWS) Cloud and Data Services, working with global organisations across UK and EMEA. Inawisdom is an AWS Premier Consulting Partner, a Machine Learning Global Launch Competency Partner and also holds further competencies in Data and Analytics, DevOps and Financial Services.

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