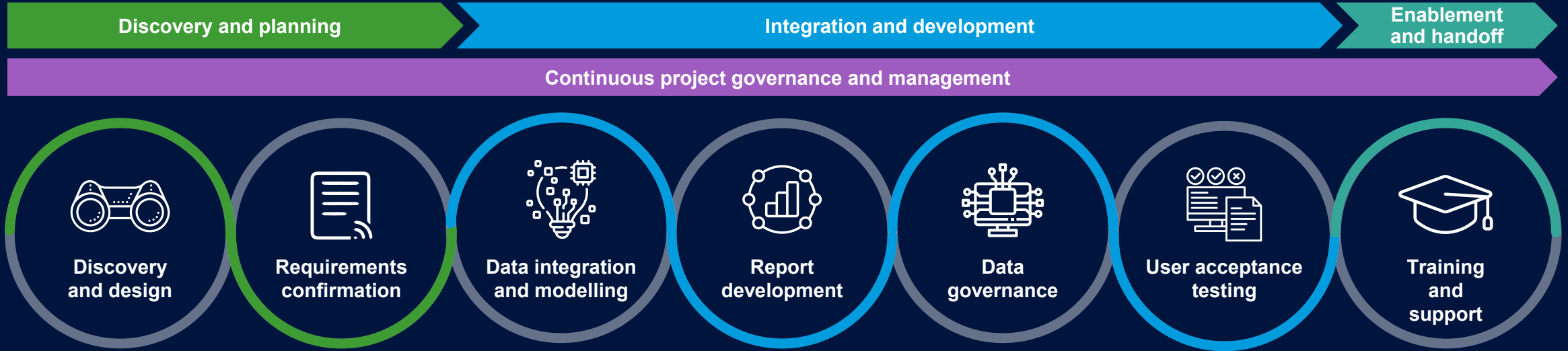


Data platform modernisation services



Our methodology

Modernisation delivery approach.



Core capabilities

Data Engineering and Migration Services

- ERP and System migration.
- Data quality.
- Systems integration.
- Low code solution enablement.
- Extract, transform and load (ETL).
- Analytics-driven process automation.
- Data platform optimisation.

Business Intelligence and Data Strategy Governance

- Data Strategy assessments.
- CDO strategy.
- Data modelling.
- Self-service analytics.
- Master data management.
- Dashboards (advanced).
- Data governance.
- Big data / IOT.
- Data warehousing.

Enablement and Knowledge Transfer

- Predictive analytics.
- Prescriptive analytics.
- Bias detection.
- Machine learning.
- Natural language processing.
- Algorithm auditing.
- Agentic AI solution design.

Discovery and planning

Key activities

- RSM team to collaborate with designated Client subject matter experts (SMEs) over priority reporting requirements, source systems, business logic, and data point requirements to satisfy data modelling and reporting needs via Power BI.
- RSM team to collaborate with designated Client SMEs over current reports developed, reports intended to be replicated, and design of net new reports to be developed via Power BI.
- RSM team to create Business Requirements Document (BRD) and Technical Requirements Document (TRD) as a result of requirements gathering and discovery sessions.
 - BRD will outline requirements for reporting, current state and future state reporting, KPI definitions.
 - TRD will outline architecture specifications, approach to data modelling and security.
- RSM team to collaborate with designated Client SMEs over 1-2 User Acceptance Testing (UAT) cases for data and reporting validation later in the project.

Deliverables

- Kick-off deck.
- Project plan.
- Executive communication.
- Status-reporting deck.
- Engagement timeline.
- Business requirements document (BRD).
- Technical requirements document (TRD).
- 1-2 user acceptance testing (UAT) cases.

Discovery and planning

Integration and development

Enablement and handoff



Discovery
and Design



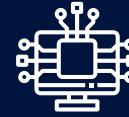
Requirements
confirmation



Data integration
and modelling



Report
development



Data
governance



User acceptance
testing



Training
and
support

Integration and development

Key activities

- **Tool setup:** Establish Azure and Power BI resources with the client.
- **Model design:** Review BRD to create conceptual and logical models, identify tables, map fields, set up automated pipelines, and document data lineage.
- **Transform and load:** Build Azure Pipelines, design warehouse schemas, create stored procedures, implement nightly refreshes, and validate models against sources.
- **Report development:** Develop Power BI reports per BRD, and support UAT and validation to ensure accuracy.
- **Data governance:** Partner with SME's and key data stewards to produce a data catalogue promoting data literacy and common organisational language and is the source for data asset tracking via critical data elements (CDEs).

Deliverables

- Modern Cloud Data Platform environment for data storage, processing, and security.
- Configured Power BI workspace(s) for Power BI Reports.
- Conceptual and logical data model diagrams.
- Data source inventory and field mapping documentation.
- Data lineage and source-to-target mapping.
- Automated data pipeline setup with monitoring.
- Azure Pipelines, warehouse schema, and transformation procedures.
- Nightly data refresh process.
- Developed and published Power BI datasets and reports.
- Data catalogue working document.
- UAT test scripts, results, and final validated reports.

Discovery and planning

Integration and development

Enablement and handoff



Discovery
and Design



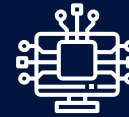
Requirements
confirmation



Data integration
and modelling



Report
development



Data
governance



User acceptance
testing



Training
and
support

Enablement and handoff

Key activities

- **Communication plan:** Partner with Client to develop a communication plan to generate excitement and assist with early adoption of new processes and reporting capabilities.
- **Deployment assistance:** Deployment of the completed, validated Power BI report(s) to the predetermined dataset and or reporting workspaces specified in Power BI services.
- **Knowledge transfer:** Conduct walkthroughs of developed data models, pipelines, and reports.
- **Documentation:** Deliver technical and functional documentation covering report logic, data lineage, refresh schedules, and governance.
- **Training sessions:** Facilitate Power BI Training (end-user and developer).
- **Handoff to client IT/BI team:** Transition ownership of the solution, ensuring client teams are comfortable with ongoing management.
- **Support period:** Provide a short-term hyper-care window for troubleshooting and support after go-live.

Deliverables

- Deployed Power BI datasets and reports in designated workspaces.
- Training materials (slide decks, recordings, quick reference guides).
- End-user and admin documentation.
- Knowledge transfer sessions delivered.
- Post-deployment support plan.
- Deployed Power BI datasets and reports in designated workspaces.
- Training materials (slide decks, recordings, quick reference guides).
- End-user and admin documentation.
- Knowledge transfer sessions delivered.
- Post-deployment support plan (if included in scope).

Discovery and planning

Integration and development

Enablement and handoff



Discovery
and Design



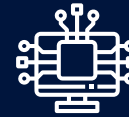
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Training
and
support

Understanding data engineering

Capabilities

- End-to-end data integration from operational applications and systems to effectively any destination (target) system or data store through extraction, transformation and loading (ETL) of data.
- Establishment of a data strategy during the migration to enable analytics and ensure consistency and reliability of data.
- Enablement of a single-system strategy or consolidation of data from disparate systems.

Practice overview

- Dedicated consultants certified in market-leading technologies that streamline ETL activities.
- Mix of technical and functional professionals with public sector experience and industry focuses.
- Accelerators and artifacts to expedite delivery.

Benefits

- **Operational efficiency:** Faster workflows and decision-making through streamlined ERP migrations and process automation.
- **Data accuracy:** Reliable, error-free data from robust master data management and quality assurance practices.
- **Seamless data integration:** Effective integration of data sources ensures consistent and accessible information across the enterprise.
- **Cost savings:** Reduced costs from eliminating data errors and inefficiencies, improving overall ROI.

Considerations for data engineering

System upgrades and Migrations



When planning ERP or other system migrations to ensure a smooth transition and minimal downtime.

Data quality Issues



When encountering inconsistent, inaccurate, or incomplete data that impacts business decisions.

Data integration Needs



When there is a need to integrate multiple data sources into a cohesive, unified system.

Automation of data processes



When looking to automate repetitive data processes to improve efficiency and reduce manual errors.

Cost reduction Initiatives



When aiming to reduce costs associated with data management, data integrations and processing inefficiencies.

Understanding data migration

Capabilities

- End-to-end data migration from legacy applications to effectively any destination (target) system through extraction, transformation and loading (ETL) of data.
- Repeatable testing cycles to include mapping, organising, and enriching data when loading from source to target.

Practice overview

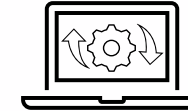
- Dedicated data analytics team who specialise in analysing and migrating large datasets from various business systems.
- Specialised approach for the extraction, transformation and loading of data with a suite of cloud-based tools to enable clients with technology driven approach to migration activities.

Benefits

- **Strategic data consolidation:** Brings together data from disparate systems for the purpose of consistency when migrating systems.
- **Operational streamlining:** Automates and optimises the transfer of data between systems, reducing manual effort, minimising errors, and accelerating system upgrades or transitions.
- **Customer-centric integration:** Combines customer data across platforms to create a single source of truth of master data, improving personalisation, targeting, and overall customer experience.
- **Wholistic data glossary:** Identifies and resolves data quality to ensure data mapped from legacy systems is accurate translated to upgraded systems.

Considerations for data migration

System upgrades



Engage when deprecating legacy systems and implementing upgraded technology throughout the organisation.

Master data Consolidation



Connect when needing to consolidate and synchronise master data across key business systems.

Repeatable migration routines



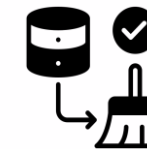
Engage when looking to automate testing cycles and go-live activities in coordination with data migration.

Migration strategy and governance



Connect when the need for advisory on a migration routine and strategy is needed to ensure smooth transition between systems.

Data quality and cleansing controls



Call when data quality issues and data entry controls are not in place and are needed to ensure consistent data across systems.

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