entelect
everything is possible

Entelect
Data Solutions

We empower organisations to
make data-driven decisions

Data is at the centre of our solutions

We view data solutions as a key component in our clients business' overall journey to transformation and success.

At Entelect **we develop end-to-end software solutions, with data at the heart of every single one of them**.

We **help our clients make data-driven decisions** to drive up customer satisfaction, redefine business strategies and optimise operations to boost revenue.

What we do

Our data capabilities reach across business and decision intelligence, data science, data engineering, data management and strategic advice to help our clients innovate and grow on the back of smarter decisions.

Data Science

Our data scientists and data engineers plan and implement modern data solutions and streaming platforms aimed at **predictive and prescriptive models**.

Business Intelligence

Our data analysts and data engineers transform structured and unstructured data into **actionable descriptive and diagnostic analytics**.

Consulting and Advisory

Our deep data solutions expertise enables us to **offer end-to-end services**, ranging from data audits and data strategy to data management topics and data architecture design.

We are tool agnostic

At Entelect we work with our clients' existing technology landscape or advise objectively which technologies are fit-for-purpose. We are proficient across all major cloud platforms and data analytics platforms, and pride ourselves on being adept with new technologies.

Our Process

Our Process

Define
- Business challenges
- What data to collect
- How to collect data

Design & Collect
- Create data sources
- Integrate and transform sources

Manage
- Orchestration
- Cleaning and scrubbing
- Ensure future scalability and availability
- Maintenance

Analyse
- Use fit-for-purpose models to predict and prescribe
- Improve operations through descriptive and diagnostic analytics
- Take proactive steps to improve

Act
- Implement data-driven decisions
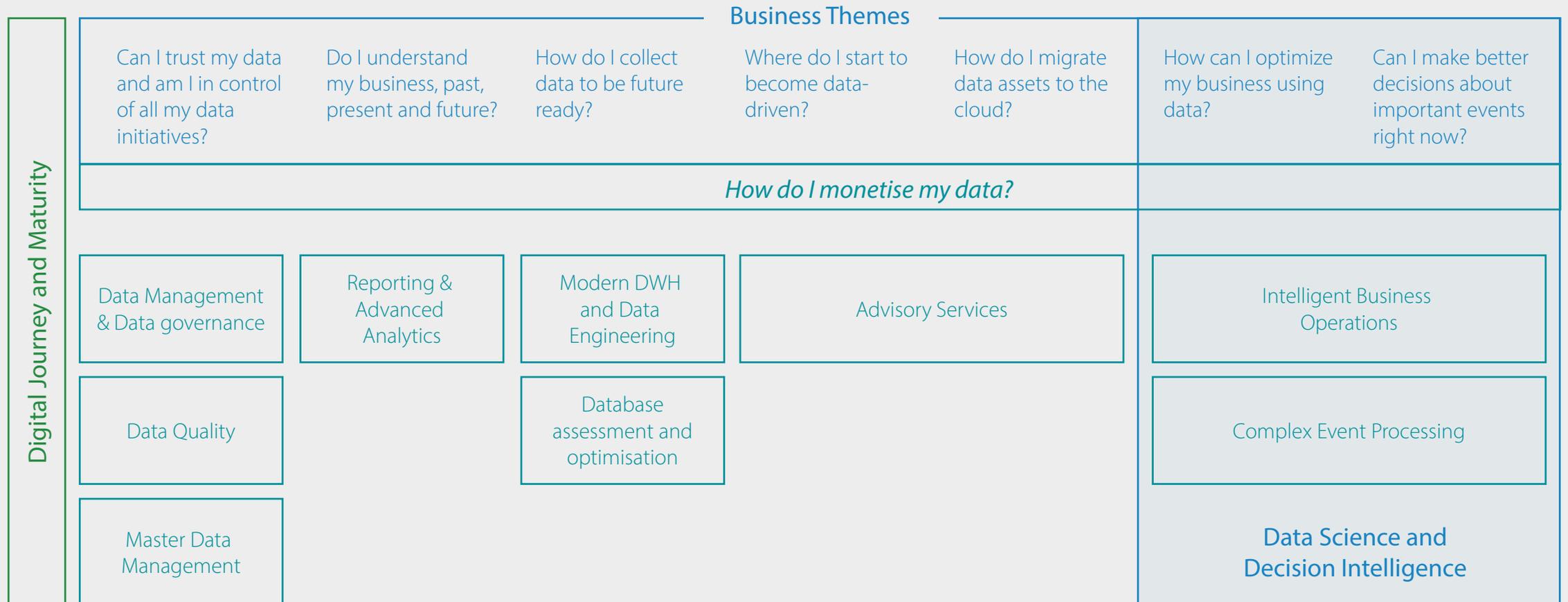- Measure and improve

Security

Best practices

Data lineage: auditability and traceability

Trust and ethics

Business continuity

Why we do it

We like to apply our data capabilities to the creation of solutions that make a real impact. We don't build data assets without having a clear understanding of how those assets fit into our clients' strategic objectives.

Business Themes

Digital Journey and Maturity

Can I trust my data and am I in control of all my data initiatives?	Do I understand my business, past, present and future?	How do I collect data to be future ready?	Where do I start to become data-driven?	How do I migrate data assets to the cloud?	How can I optimize my business using data?	Can I make better decisions about important events right now?

How do I monetise my data?

Data Management & Data governance	Reporting & Advanced Analytics	Modern DWH and Data Engineering	Advisory Services		Intelligent Business Operations
Data Quality		Database assessment and optimisation			Complex Event Processing
Master Data Management					**Data Science and Decision Intelligence**

What we've done

Standard Bank

Implemented a cash handling optimization algorithm that resulted in the client saving millions a month on cash in transit and cash holding costs.

mimic.

Developed software for a surgical skill simulation portal that measures surgical skill proficiency; enabling trainee surgeons to practice, track and measure their skills remotely.

RMB

Consolidation of over 50 data sources to provide a single view of a customer, stored within a best practice architected data warehouse.

AngloAmerican

Built a comprehensive Health and Safety application that includes real-time prediction of dangerous gas levels in mining environments.

Discovery Health

Built loyalty platforms designed to drive consumer behaviour and help improve the health and wellness of South Africans.

Standard Bank

Developed a real-time behavioural analytics environment and data workflow using Kafka, Storm, Spark, Phoenix and HBase on large volumes of data for spend analysis.

Understand and harness your data to accelerate your enterprise

Receive working prototypes and a tailored roadmap for supporting your business outcomes.

⟶ solutions@entelect.co.za

entelect.co.za

solutions@entelect.co.za