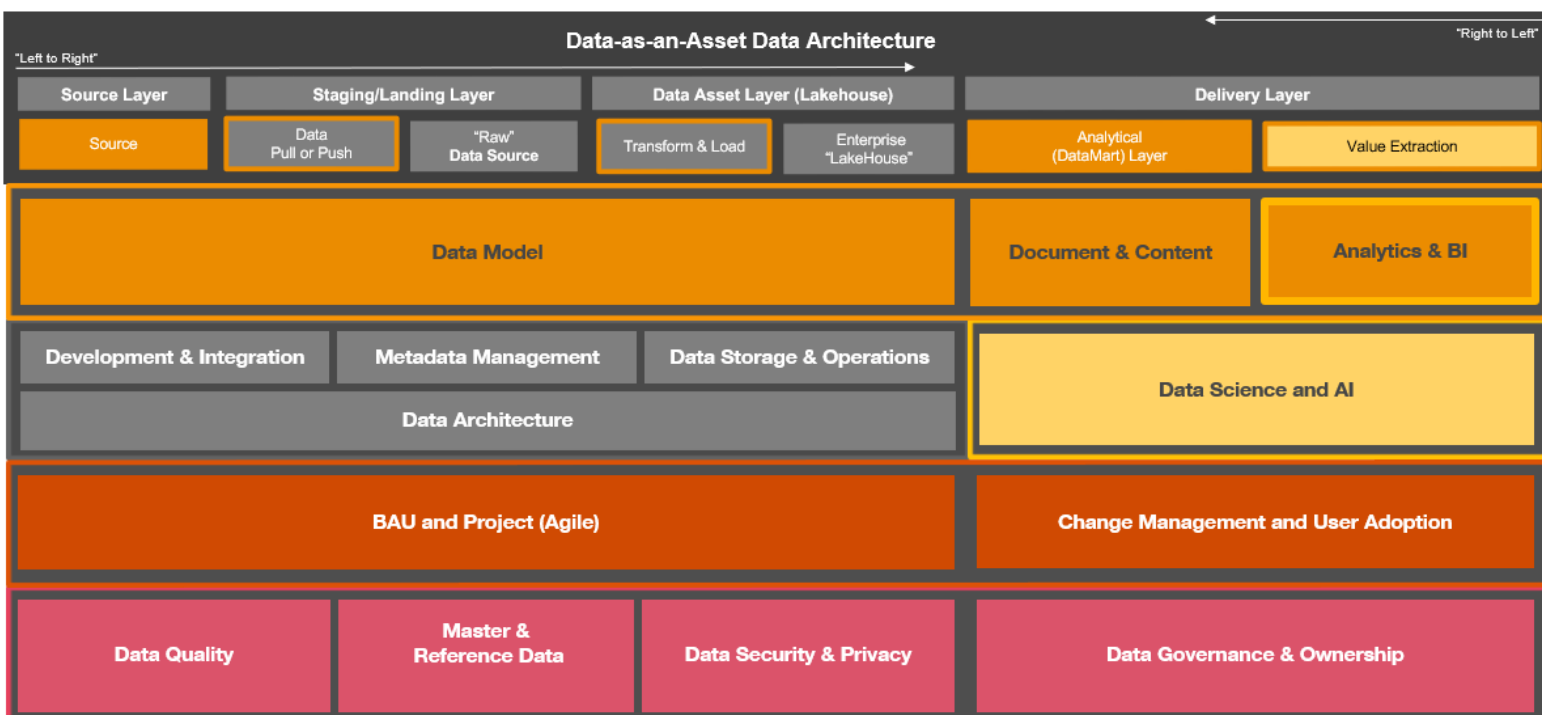




MANDELA MINING PRECINCT
MINDS FOR MINES



REAL TIME INFORMATION
MANAGEMENT SYSTEMS



Data-as-a-Service (DaaS) Toolbox

Technical Detail:

- This project establishes a Data-as-a-Service (DaaS) model at a test mine, which includes developing a DevOps Delivery Methodology that will enable rapid development and operationalization of data architecture, ultimately maximizing data value for improved safety, productivity, and profitability by facilitating data reuse across myriad applications.

Benefit:

- The project aims to transform data into a dynamic and valuable asset for the mining industry by implementing a Data-as-a-Service (DaaS) model at a pilot mine. This significantly lower the barrier to entry and cost of data projects, providing a global best-practice solution tailored for South African mining.
- By standardizing basic mining data functionality and enabling the integration of diverse data sources, the DaaS model will prevent technological silos and expedite critical processes, such as quickly gathering information in an accident scenario.
- Ultimately, this approach will unlock invaluable insights through analytics, allowing data to be captured once and reused across myriad applications for exponential impact on safety, productivity, and profitability, positioning mines to proactively address future challenges and drive industry-wide innovation.

