



ROZETTA™

**Make each step in moving data
analytics to the cloud a success**

How to move big data and analytics to the cloud

		BEST PRACTICE	WATCH OUT FOR
Data Strategy	Agree goals	Business-case led Specific outcomes C-suite sponsors	Poor buy-in Unclear goals Poor alignment Limited co. vision Unrealistic goals
Data Diagnostic	Access capability	Consider people, platforms, processes, pain points, culture	Data validity Forgotten streams Hoarders Business silos
Transformation delivery	Design and deliver	Map the steps Communicate Go for early wins	Giant leaps Oversimplification Overcomplication
Operation	Run teams, tools and processes	Consolidate first Set metrics Challenge the data Prioritise insights	Using old thinking on new data
System management	Monitor, review, improve	Understand new cloud services Predict demands	Complacency Low-level interaction with cloud provider



Data strategy

BEST PRACTICE

The best programs are driven by a benefits-oriented business case with specific outcomes clearly planned for and visible and consistent support from senior leaders within the organisation.

WATCH OUT FOR

A piecemeal approach with tactical outcomes in mind, rather than transformative strategies. Poor connection to overall organisational strategy and limited thinking when it comes to building a progressive vision that can benefit the whole organisation. Unrealistic goals will also lead to poorly designed projects. Look at the long game – not the fast return (although rapid returns are possible).

Data diagnostic

BEST PRACTICE

How ready and enabled is the organisation to undertake this project? Don't just measure the technical layer of readiness.

Consider the experience and expertise of the organisation in delivering complex IT programs, look at technology, tools and platforms already in use, the pain already being experienced (and likely pain that might occur over the period of transition to cloud), consider the culture of the organisation. Is it innovative and adaptive or unlikely to embrace change easily? This all forms part of the diagnostic phase.

WATCH OUT FOR

Data streams or data sets that are invalid and require remediation before being brought into a new system, look for obvious gaps where 'there should be data'. Applications, devices, platforms, business activities of certain kinds yield known kinds of data and data flows – where are they? Watch out for agents against change, knowledge is power and those who control data flows and information may perceive they have a lot to lose if they lose control of information they have traditionally controlled (hoarders)

Transformation delivery

BEST PRACTICE

Be specific in the transition program and map each step or component to build confidence in the control and accuracy of the project. Communicate before, during and after each milestone to empower stakeholders, limit political exposure and build trust. Plan for an early win to show promising benefits or insights as quickly as possible after transition. Plan this win ahead of time. It builds confidence and turns theoretical into actual.

WATCH OUT FOR

Big leaps at a time. Move at a pace that maps to the risk and exposure of the project — don't leave sponsors and influencers behind, allow time for change to be processed. Don't dumb down the project elements and milestones too much. People appreciate the complexity and logic behind large projects — and lose confidence if critical steps seem to be glossed over. Don't bury people in details they don't need as the delivery phase rolls out. Communicate the right way with the right people. Let stakeholders know what measures and metrics you'll be sharing before you start and check it's what they need or want.

Operation

BEST PRACTICE

Check everyone is in one piece. Has everything gone to plan? Listen, watch and assess before building applications, models or reports. Decide early what metrics or indicators are important to validate and track data flows. What are your red flags going to be? How will interrupted data flows be identified? Missing or invalid data sets? Challenge the data? Is what you have what you need? Prioritise your insights. Unleashing data can create too many insights — how will you prioritise all the possibilities?

WATCH OUT FOR

Don't look at new insights or data sets within the existing context of business operations. Often the hardest part of seeing new patterns and connections in data is not relating it back to a historical context. Instead, (or as well as) consider the possibilities of how that information can drive new value or opportunity. Go back to the agreed goals and objectives and consider how the new insights can deliver them.

System management

BEST PRACTICE

Cloud service providers constantly release new features and services. These deliver incremental value to your own solutions. Ensure they are assessed for relevancy and possible benefit. Keep an eye on system demand. Success breeds success and in large organisations especially, once word is out about the insights or actionable intelligence available — be prepared for loads to increase.

WATCH OUT FOR

A lack of responsiveness to changing business or system environments. Cloud doesn't take away responsibility — if anything, it moves the focus from infrastructure management to building competitive advantage — and that's a daily focus. Your cloud provider is a strategic business input and part of critical infrastructure. Work the relationship and understand their roadmap to maximise value.

ROZETTA™

RoZetta Technology has spent the last 15 years tackling real-world problems. We leverage AWS and data technologies to transform high-volume, high-velocity data into clear answers and solutions. We help you extract value from your data to make better business decisions.

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