Data Engineering and Business Intelligence – Everything has changed, except nothing has really changed

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It is said that change is inevitable. In today's data world it's clear that the rate of change has been accelerating at an unprecedented rate. There is more data than ever, but at the same time, more storage capability, and faster ways of processing than ever.

In the 90's Inmon and Kimball wrote their books on warehousing to solve problems that companies were having with ever increasing information. This highlighted the need to transform and model data to allow for processing of large amounts of data for fast response. Surprisingly, these principles still apply today. Cleansing of data is still as important, as is modelling and translating insights into business language. Governance, Data Lineage and Data definitions are probably even more important than ever. With the advent of citizen data engineers and scientists, more people are attempting to unlock the value in their data than ever before.

What's changed?

The latest tools are scalable, utilising the separation of storage and compute. We can now store structured and unstructured data to an almost unlimited level. Also processing of data can be scaled to be incredibly fast. There are also now hundreds of ways to do the same thing, which leaves Engineers struggling to decide on the best approach based on the constraints of their company. Cost/performance balance is now in the realm of the architect, the engineer, and even the citizen engineer and data scientist.

Fujitsu Data & AI brings a wealth of experience from the old ways of working as well as being instrumental in transforming organisations data practices into the very best practices utilising the latest cloud technologies.

To find out more, please contact a Fujitsu Data & AI specialist now.

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