

Cloud Based Self Service Analytics

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Traditionally, the means by which official statistics are analyzed and disseminated by both commercial and private industries consisted of a large capital outlay for data lifecycle management and infrastructure. Additionally the business processes by which official statistics are extracted and disseminated are inefficient, costly and require specific expertise.

With the introduction of cloud based analytics, official statistics providers can now maintain data sovereignty and security while disseminating to a wider audience with much more efficiency, and at a lower cost.

Providing an easy to use, self-service interface can not only alleviate the burden of such a lengthy process but also provides new opportunities to popularize statistics and promote evidence based decision making. Given standard ontologies, statistical based sub systems now have the capability to join on common dimensions and produce new insights, offer trend reporting and predictive analysis.

Space-Time Research provides the means for common people to explore, build, visualize and share official statistics online.

Key Words: Self-Service Analytics, Cloud, Official Statistics, Data Sovereignty.