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# Data is the new oil for GCC



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Since its inception, Marmore has published over 700 research reports and covered more than 25 varied industries and infrastructure segments; all focused primarily on the GCC economies. (To view our Research Library, please [click here](#))

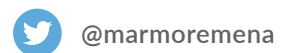
With over 30 policy and regulatory research studies published, Marmore has partnered with renowned regional think-tanks and opinion-leaders to publish some of these intellectually provoking policy research papers. These research studies aim to initiate dialogue and propose better solutions to existing economic conundrums. (To view our Policy & Regulatory research report, [click here](#))

Marmore provides research-based consulting solutions to help understand current market conditions, identify growth opportunities, assess supply/demand dynamics, and make informed business decisions.

Almost on a weekly basis, Marmore publishes thematic economic, industry, policy and capital market reports. Marmore has been recently conferred **"Research Provider of the Year - 2018"** award by Global Investor, a Euromoney Group company. To learn more, visit [www.marmoremna.com](http://www.marmoremna.com)

## OUR JOURNEY SO FAR

- Over **700** reports/insights published
- Over **63** Client projects executed
- Frequent media citations and conference participation
- Active social media presence



# Executive Summary

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In the GCC region, the state remains a major force in driving the economic progress and social welfare. Worldwide, it is emerging that data science is a key enabler for governments as they seek to deliver targeted and better services to the public in different realms. Even in the GCC, the United Arab Emirates (UAE) is shifting service delivery operations to cyberspace, through its e-government and smart government digital transitions.

Data science is the collective process that uses theoretical, mathematical, computational, and practical methods like algorithms, and statistics to review, analyze and extract valuable knowledge and information from raw data. Also referred to as datalogy, it enables individuals and organizations to extract required or valuable information that may be used for multiple purposes, such as decision making, product development, trend analysis and forecasting.

Information and Communication Technologies (ICT) is increasingly changing the data landscape and is significantly impacting every aspect of human lives, including businesses, science, and governance. In that context, data science is a synthesis of statistics, advanced computing technology and AI. The strategic advantage lies in the integration across assorted and interdependent complex data resources to support real-time decision-making.

For GCC, the transformation of large data sets and associated data into practically actionable intelligence is the underlying promise of data science. Availability of leadership commitment and state of the art technology and infrastructure foundation serve as advantages to the GCC countries to set ambitious targets in terms of being leaders in data science. This is evident from the GCC government initiatives like UAE's Smart Data Strategy, Tasmu Qatar, KSA Open and Big Data Strategy and Bahrain Open Data Strategy.

The new data environment creates new opportunities to governments and other stakeholders involved in policy processes. Therefore, every actor including governments, universities, think tanks and civic movements will have to strengthen their data science capacity. This implies that data scientists, along with researchers, and analysts would play a key role in the analysis of public policies and the formulation of workable policy narratives.

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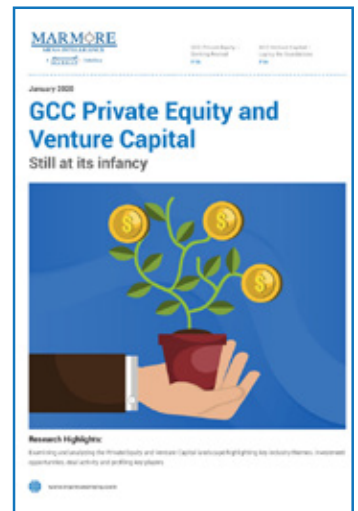
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