

Saudi Arabia Big Data Analytics Market By Deployment Mode (On-Premise, Cloud and Hybrid), By Application (Risk & Fraud Analytics, Enterprise Data Warehouse Optimization, Internet of Things, Customer Analytics, Operational Analytics, Security Intelligence and Others), By Component (Solutions and Services), By Organization Size (Large Enterprises and SMEs), By Analytics Type (Descriptive Analytics, Predictive Analytics, Prescriptive Analytics, Diagnostic Analytics), By End Use Industry (BFSI, Healthcare, Government, IT & Telecom, Manufacturing, Retail and Others), By Region, Competition Forecast & Opportunities, 2018-2028

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Abstracts

Due to the rise in data connectivity through cloud computing and the incorporation of digital transportation in top-level initiatives, the Saudi Arabia Big Data Analytics Market is anticipated to grow throughout the projected period.

Big Data Analytics is a subset of advanced analytics, which includes sophisticated applications that incorporate aspects like statistical algorithms, what-if analysis, and predictive models. Big Data analytics offers several benefits, including cost savings, the ability to make quicker, better decisions, the creation of new products and services, and the ability to stop fraud, among other things.

Growing Digital Healthcare Industry

Healthcare systems can benefit greatly from digital technology, including improved care coordination, real-time monitoring of chronic diseases, more precise diagnosis, more efficient treatments, and patient and physician convenience. Significant financial advantages are also provided by digital healthcare, such as cost savings that may be applied to other high-priority sectors of the healthcare system. The adoption of Big Data Analytics (BDA) in the healthcare industry will enable the application of cutting-edge technologies in patient care and health administration. Large amounts of medical Big Data have been analyzed by healthcare experts with the aid of digitally enabled instruments.

Digital healthcare has the potential to significantly improve healthcare outcomes and efficiency in Saudi Arabia, investing up to USD 27 billion by 2030. The nation has already made significant progress in this area, beginning with the implementation of its Vision 2030 healthcare reform in 2016 to enhance healthcare effectiveness, quality of care, and patient satisfaction. Therefore, the increased adoption of digital healthcare technology in Saudi Arabia will inevitably lead to the expansion of the country's big data analytics market.

Increasing Artificial Intelligence & Smart City Programs

While 5G forms the foundation for the IoT, AI fed by big data provides the technical capabilities that enable smart machines, devices, applications, and infrastructure to communicate. As an increasing number of devices are plugged into 5G networks, enhanced connectivity, and higher speed will generate an enormous wealth of data. This will lead to new insights and functionalities through AI-powered analytics and related services.

The smart city models could also serve as an example of artificial intelligence in Saudi Arabia. The phrase 'smart city' is typically used to refer to the application of data and digital technologies to enhance citizen quality of life and decision-making. The smart solution has been put into place in Riyadh, Makkah, Jeddah, Medina, and Al Ahsa, thanks to major investment from the Saudi government. The use of intelligent solutions to address issues with parking, energy efficiency, environmental preservation, garbage disposal, and urban landscaping and design are key components of Saudi Arabia's smart city projects. So, as artificial intelligence and smart city efforts grow, so does the Saudi Arabia Big Data Analytics Market.

Saudi Vision 2030

Under the Saudi Arabia Vision 2030, the Saudi Government focuses on providing opportunities, building an educational system linked to the labor market needs, and developing opportunities for all, from entrepreneurs and small enterprises to large companies. Saudi government believes in developing its own investment tools to unleash the potential of its promising economic sectors, diversify the economy, and generate job opportunities. In the role of competitiveness in raising the quality of services & economic development, the Saudi government focuses on allocating government services and improving the business environment to attract the best global talents and quality investments, leading to the exploitation of their unique strategic position. Developing the Saudi economy depends on applying the most recent ICT approaches. Big data Analytics plays a critical role in everyday life and has penetrated all the fields that involve data usage or information, including health, marketing, and entertainment. Small and large-scale industries are keenly considering implementing big data concepts efficiently to enhance their productivity.

Market Segments

Saudi Arabia Big Data Analytics Market is segmented into deployment mode, application, component, organization size, analytics type, end-use industry, region, and competitive landscape. Based on Deployment Mode, the market is segmented into On-Premises, Cloud, and Hybrid. Based on Application, the market is segmented into Risk & Fraud Analytics, Enterprise Data Warehouse Optimization, Internet of Things, Customer Analytics, Operational Analytics, Security Intelligence, and Others. Based on Components, the market is segmented into Solutions and Services. Based on Organization Size, the market is segmented into Large Enterprises and SMEs. Based on Analytics Type, the market is segmented into Descriptive Analytics, Predictive Analytics, Prescriptive Analytics, and Diagnostic Analytics. Based on End Use Industry, the market is segmented into BFSI, Healthcare, Government, IT & Telecom, Manufacturing, Retail, and Others.

Market Players

Saudi Arabia Big Data Analytics Market players include HData Systems, Quant Data & Analytics, Comprehensive Technology Company (CompTechCo), Oracle Corporation, Midis Group, SEIDOR, Sadeem Knowledge, Environmental Systems Research Institute, Inc., SAS Institute Inc., Teradata Corporation, Microsoft Corporation, IQVIA, Amazon Web Services Inc., SAP SE.

Recent Developments

In 2017, The national shipping business of Saudi Arabia, Bahri's Data, and the classification organization DNV GL, based in Norway, agreed to work together to develop new big data capabilities to address safety, quality, and compliance challenges in the maritime sector.

In September 2022, in order to provide the best means of opening broad horizons for developing business models while exploring opportunities to employ big data capabilities and smart technology solutions within the maritime sector, the Saudi Maritime Conference showcased the most notable big data solutions and cutting-edge technology in the maritime industry.

Report Scope:

In this report, Saudi Arabia Big Data Analytics Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Saudi Arabia Big Data Analytics Market, By Deployment Mode:

On-Premises

Cloud

Hybrid

Saudi Arabia Big Data Analytics Market, By Application:

Risk & Fraud Analytics

Enterprise Data Warehouse Optimization

Internet of Things

Customer Analytics

Operational Analytics

Security Intelligence

Others

Saudi Arabia Big Data Analytics Market, By Component:

Solutions

Services

Saudi Arabia Big Data Analytics Market, By Organization Size:

Large Enterprises

SMEs

Saudi Arabia Big Data Analytics Market, By Analytics Type:

Descriptive Analytics

Predictive Analytics

Prescriptive Analytics

Diagnostic Analytics

Saudi Arabia Big Data Analytics Market, By End Use Industry:

BFSI

Healthcare

Government

IT & Telecom

Manufacturing

Retail

Others

Saudi Arabia Big Data Analytics Market, By Region:

Central

Western

Eastern

Rest of Saudi Arabia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Saudi Arabia Big Data Analytics Market.

Available Customizations:

Saudi Arabia Big Data Analytics Market with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

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