DELL EMC DATA IQ

Dell EMC Data IQ is a big data analytics and data management platform that helps organizations transform their data into actionable insights. It enables organizations to collect, store, and analyze large amounts of structured and unstructured data from various sources, including social media, IoT devices, and databases. It also includes features such as data governance, data quality, data lineage, and data security, which help organizations to manage and protect their data assets. Additionally, Data IQ provides a wide range of analytics and visualization tools that enable organizations to gain insights from their data and make data-driven decisions.

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| website | (<https://www.delltechnologies.com/>) |
| Organization /foundation name | Dell Technologies is the organization name that provides Dell EMC Data IQ. |
| license |  |
| Open proprietary | It is not open source and can only be obtained by purchasing a license from Dell. |
| Source path | It is not open source and can only be obtained by purchasing a license from Dell. |
| Brief description | Dell EMC Data IQ is a data analytics software that provides advanced analytics and visualization capabilities to help organizations gain insights from their data. It allows users to easily connect to a variety of data sources, such as databases, Hadoop, and cloud storage, and perform data exploration, visualization, and analysis. The software also includes machine learning and statistical modeling tools to help users discover hidden patterns and trends in their data. It also includes data governance and security features to ensure that sensitive data is protected and compliant with industry regulations. Overall, Dell EMC Data IQ aims to help organizations make data-driven decisions and improve their operations. |

Key features

Some key features of Dell EMC DATA IQ include:

Enterprise-grade storage solutions: Dell EMC offers a variety of storage products, such as all-flash arrays, hybrid arrays, and software-defined storage, that are designed to meet the needs of large enterprises and data centers.

Data protection and recovery: Dell EMC offers a range of products and services to help organizations protect and recover their data, such as backup and recovery software, disaster recovery solutions, and data archiving.

Cloud and multi-cloud support: Dell EMC provides solutions that allow organizations to easily move their data and workloads to the cloud, including support for multiple cloud platforms.

Hybrid IT and edge computing: Dell EMC offers products and services that enable organizations to easily manage and operate their on-premises and cloud-based IT infrastructure, and edge computing to process data at the edge of network.

AI and analytics: Dell EMC provides solutions that allow organizations to gain insights from their data using artificial intelligence (AI) and analytics technologies.

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Architecture

Dell EMC's architecture is designed to provide a flexible, scalable, and secure infrastructure for data storage and management. Some key elements of Dell EMC's architecture include:

* Scale-out architecture: Dell EMC's storage solutions are built on a scale-out architecture, which allows organizations to easily add capacity and performance as needed. This allows organizations to start small and grow their storage infrastructure as their data needs increase.
* Software-defined storage: Dell EMC's storage solutions are built on a software-defined storage (SDS) architecture, which allows organizations to easily manage and automate their storage infrastructure. SDS abstracts the underlying hardware from the storage software, making it easier to provision, manage, and scale storage resources.
* Data protection and recovery: Dell EMC's data protection and recovery solutions are built on a multi-tiered architecture that includes local and remote backups, disaster recovery, and archiving. This allows organizations to protect their data at multiple levels and recover it quickly in the event of a failure or disaster.
* Cloud and multi-cloud support: Dell EMC's cloud and multi-cloud solutions are built on a hybrid architecture that allows organizations to easily move their data and workloads between on-premises and cloud-based environments. This allows organizations to take advantage of the benefits of the cloud while still maintaining control over their data and infrastructure.
* Edge computing: Dell EMC's edge computing solutions are designed to process data at the edge of network, by using the devices which are closer to the data source, reducing the latency and the data travel time.

Current usageTop of Form

Dell EMC is a subsidiary of Dell Technologies that provides a range of data storage, information security, virtualization, analytics, cloud computing, and other products and services. The company's Data IQ product is a software solution that helps organizations manage and analyze their data, with features such as data governance, data quality, and data cataloging.

As of 2021, Dell EMC is widely used in enterprise environments and is known for its strong portfolio of storage solutions. The Data IQ product is relatively new and not as widely adopted yet, but it is gaining popularity among organizations looking for a comprehensive data management solution.

Technical details:

Dell EMC Data IQ is a software solution that helps organizations to manage and analyze their data. It provides a comprehensive view of an organization's data landscape, including data quality, data lineage, data governance, and data security. The software uses a combination of machine learning, natural language processing, and other advanced analytics techniques to automatically discover and classify data, identify data lineage and relationships, and monitor data quality. It also includes a set of tools for data governance, such as data lineage visualization, data cataloging, data stewardship, and data security. Additionally, it is built on top of a modern, scalable, and extensible architecture that allows for easy integration with other data management and analytics tools, such as data lakes, data warehouses, and big data platforms.

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Regenerate response

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