Data Pipeline Tools Market to Expand at 18.2% CAGR, Reaching USD 35.6 Billion by 2031 | Precisely Holdings, Oracle

WILMINGTON, NEW CASTLE, DE, UNITED STATES, December 3, 2024 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "Data Pipeline Tools Market Size, Share, Competitive Landscape and Trend Analysis Report, by Product Type, by Deployment Mode, by Application Area : Global Opportunity Analysis and Industry Forecast, 2021-2031."

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The global data pipeline tools market was valued at $6.8 billion in 2021 and is projected to reach $35.6 billion by 2031, growing at a CAGR of 18.2% from 2022 to 2031.

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Data pipeline tools deal with information that is flowing from one end to another. In simple words, we can say collecting the data from various resources than processing it as per requirement, and transferring it to the destination by following some sequential activities. It is a set of manners that first extracts data from various resources and transforms it to a destination means it processes it as well as moves it from one system to another system without blockages. Furthermore, data pipeline tools ingest, process, prepare, transform, and enrich structured, unstructured, and semi-structured data in a governed manner.

Globally, businesses are creating data pipeline products to deploy and process data on any cloud environment, including Amazon Web Services (AWS), Microsoft Azure, Google Cloud, and Snowflake for batch and real-time processing as it applies data quality standards to execute cleansing and standardization operations to address typical data quality issues.

According to data pipeline tools market research, the big data analytics segment is estimated to reach $5,500 million by 2031, during the forecast period. The real-time analytics and big data analytics segments collectively accounted for around 58% market share in 2021.

During the pandemic, the data pipeline Tools market expanded due to the rise in the adoption of technologies like machine learning and the internet of things. In addition, data pipeline tools

have gained popularity, since cases of data corruption have increased globally. Data that has been generated has increased exponentially over the past few years, especially during the Covid-19 outbreak. Therefore, to lower the danger of data corruption, data flow can be secured by utilizing data pipeline tools.

Depending on deployment model, the on-premise segment holds the largest data pipeline tool market share, owing to large enterprises generally opt for on-premise solutions due to their concerns over data security. However, the cloud segment is expected to grow at the highest rate during the forecast period, owing to increase adoption of cloud computing in the past few years.

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Region-wise, North America holds significant global data pipeline tools market share, due to the region's increasing demand for enhanced CRM management and real-time data analytics application, as U.S. and Canada currently dominate the regional market. The main drivers of the growth of the data pipeline tools industry in this region are a rise in demand for cloud data storage, an increase in digitalization, and a surge in the need for data protection facilities.

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By product type, in 2021, the ELT data pipeline segment was the highest revenue contributor to the market, with a 17% impressive CAGR. However, the ETL data pipeline segment is estimated to reach $8,600 million by 2031, during the forecast period.

By deployment model, the cloud-based segment is anticipated to have dominating shares, with an impressive CAGR, during the forecast period. However, on-premises segments are expected to witness approximately 19% CAGR, respectively, during the forecast period respectively.

Region-wise, the data pipeline tools market growth was dominated by North America. However, Asia-Pacific and Europe are expected to witness a significant growth rate during the forecasted period.

This study comprises an analytical depiction of the data pipeline tools market size along with the current trends and future estimations to depict the imminent investment pockets.

The overall data pipeline tools market analysis is determined to understand the profitable trends to gain a stronger foothold.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current data pipeline tools market forecast is quantitatively analyzed from 2021 to 2031 to benchmark financial competency.

Porter's five forces analysis illustrates the potency of the buyers and suppliers in the data pipeline tools Industry.

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Key players profiled in the report include Amazon Web Services, Inc. Google LLC, IBM Corporation, Microsoft Corporation, Oracle Corporation, Precisely Holdings, LLC, SAP SE, Snowflake, Inc., Software AG, and Tibco Software. Market players have adopted various strategies, such as product launches, collaboration & partnership, joint ventures, and acquisition to expand their foothold in the data pipeline tools market. For instance, in December 2022, TrendMiner, a Software AG company, introduced MLHub as part of its R2 release. The module includes machine learning by fostering the creation, training, and deployment of ML models while improving data analytics services, and data pipeline tools by bridging the gap between operations and analytics teams. Keeping data science in the loop allows companies to squeeze the deepest insights out of available data by using advanced statistics and machine learning models. Such developments helped the data pipeline tools market to grow during the pandemic period.

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