Data Services and Data Lake

Service Introduction: AWS statistics in 2024;

- 100s of thousands of data lakes run on AWS,
- 5X better price performance than other cloud data warehouses,
- 70% savings on storage cost for data in data lakes.

AWS provides the broadest selection of analytics services that fit all your data analytics needs and enables organizations of all sizes and industries to reinvent their business with data. From data movement, data storage, data lakes, big data analytics, log analytics, streaming analytics, business intelligence, and machine learning (ML) to anything in between, AWS offers purpose-built services that provide the best price-performance, scalability , and lowest cost.

TCC specializes in data platforms, data security, and analytics to protect personal and financial data and eliminate risks of exposing confidential information.

HighLights:

- A Data Platform is a technology that allows data to be collected, transformed, unified, and be delivered to users, applications or is used for other business intelligence purposes like running recommendation engines.

- For a business to describe, predict, improve performance, and scale growth it must rely on quality data analysis. Data integration and analytics are business continuity tools used to produce effective, actionable business intelligence.

- Data governance is the process of managing the availability, usability, integrity and security of the data in enterprise systems, based on both internal and external compliance standards and policies that also control the usage of the data.

Service Overview: TCC Data Services - A modern approach to managing platforms from start to finish with advanced features including robust data analysis while delivering improved data quality and eliminating security risks. A data lake is a centralized repository that stores, ingests, and processes large amounts of data in its original form. It can store structured, semi-structured, and unstructured data from a variety of sources.

Data lakes allow users to import any amount of data in real-time. This process allows users to scale to data of any size, while saving time of defining data structures, schema, and transformations.

Team Up: "Alone we can do so little; together we can do so much."

– Helen Keller
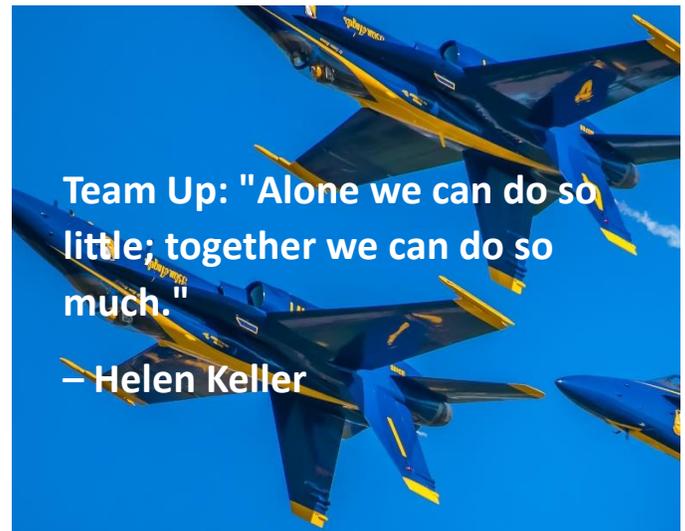
Here are the key benefits of a data lake:

- Low cost: Store any and all data in one place.

- Flexible querying capabilities: Data lakes can handle unstructured and semi-structured data.

- Analytical needs: Data can be pulled as analytical needs arise by business people.

AWS-powered data lakes, supported by the unmatched availability of Amazon S3, can handle the scale, agility, and flexibility required to combine different data and analytics approaches. Check out TCC.

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