

AWS Redshift

Amazon Redshift processes petabytes of data , which is a fast, easy to use, cost-effective cloud based data warehousing solution.

Amazon Redshift allows us to store, transform and query vast volumes of data at high speed.

Data Warehousing is the process of storing and analyzing data from multiple sources to provide meaningful business insights. It involves transforming the data from multiple sources into a common format for both storage and analysis.

Benefits

Faster than most data warehouse services available.

Offers on-demand pricing.

Offers built-in security features and Data encryption.

Provide several ways to query data using the same parameters for a huge data set.

Conducts regular, consistent backups, ready for use in restores and data recovery operations.

Use Cases

Analytics at real time - Real-time data must often be the basis for choices made by many businesses, and solutions must frequently be implemented fast.

Embedded analytics - It allows exposing only relevant subsets of data per customer while ensuring other databases, tables, or rows remain secure and private.

Data Warehouse - Used as a central repository to store data from several sources in a uniform format and structure. This can feed corporate reporting and analytics.