

Analytics Services

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Analytics services overview



Amazon Athena



Amazon Redshift

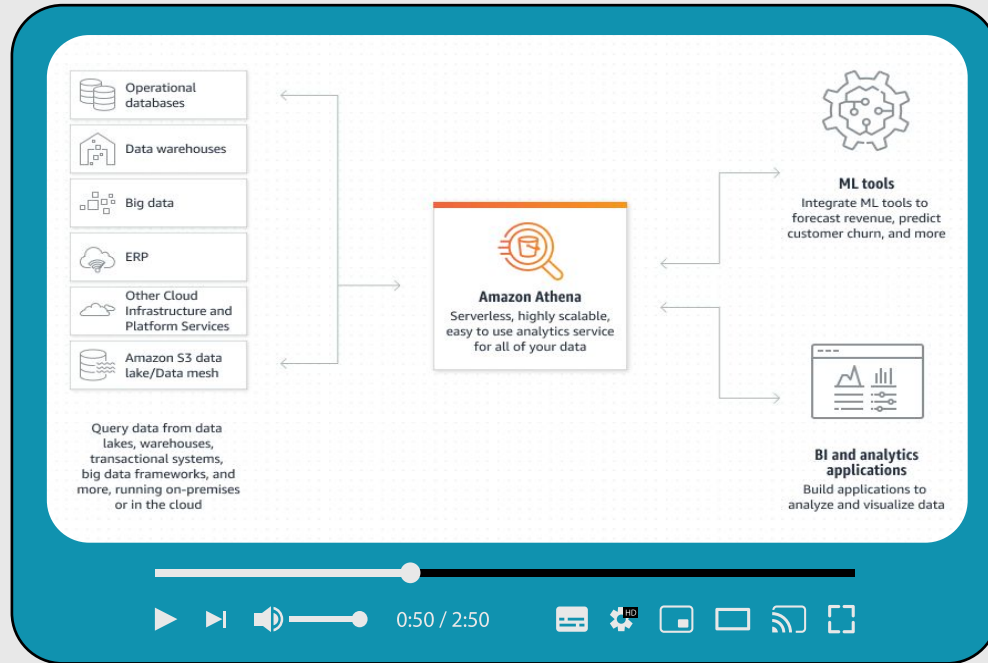


Amazon QuickSight



Amazon EMR

What is Amazon Athena



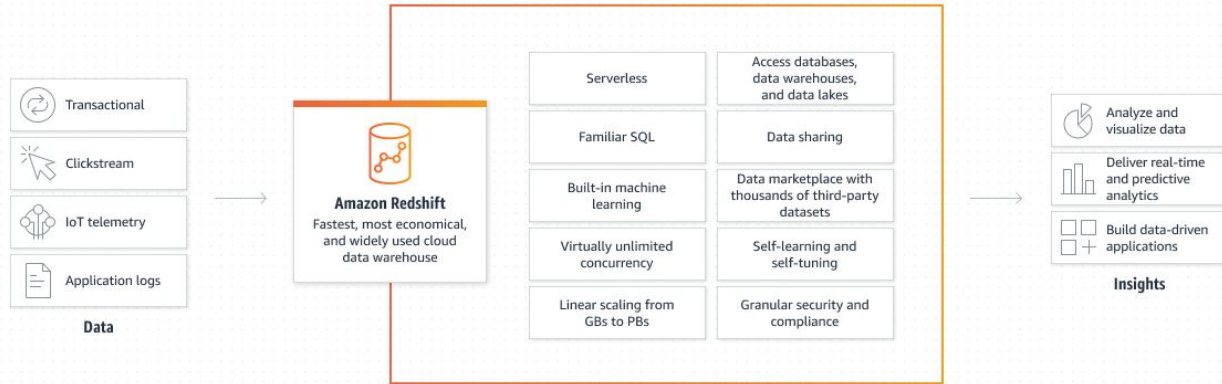
Amazon Athena

Start querying data instantly.
Get results in seconds. Pay
only for the queries you run.

Use Case

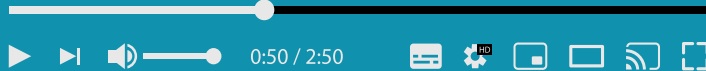


What is Amazon Redshift



Amazon Redshift

Fastest, easiest, and
most widely used
cloud data warehouse



Use Case

Optimize your business intelligence

Build insight-driven reports and dashboards using Amazon QuickSight, Tableau, Microsoft PowerBI, or other business intelligence tools.

Increase developer productivity

Get simplified data access, ingest, and egress from numerous programming languages and platforms without configuring drivers and managing database connections.



What is Amazon QuickSight



Amazon QuickSight

The most popular
cloud-native,
serverless BI service

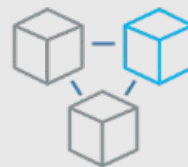
QuickSight powers millions of dashboard views weekly for customers, allowing their end-users to make better data-driven decision.

Use Case



Enable BI for everyone with QuickSight Q

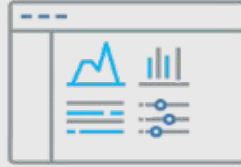
Ask conversational questions of your data and use Q's ML-powered engine to receive relevant visualizations without the time consuming data preparation from authors and admins.



Perform advanced analytics with ML insights

Discover hidden insights from your data, perform accurate forecasting and what-if analysis, or add easy-to-understand natural language narratives to dashboards by leveraging AWS' expertise in machine learning.

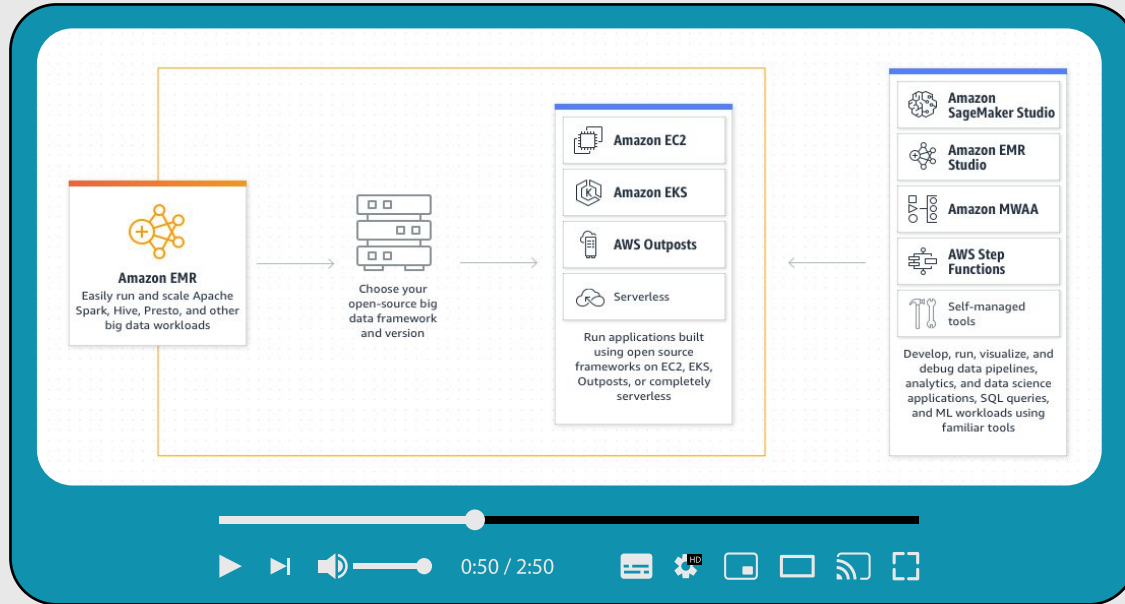
Use Case



Embed analytics to differentiate your applications

Easily embed interactive visualizations and dashboards, sophisticated dashboard authoring, or natural language query capabilities in your applications to differentiate user experience and unlock new monetization opportunities.

What is Amazon EMR



Amazon EMR

Easily run and scale
Apache Spark, Hive,
Presto, and other big data
workloads

Use Case

Perform big data analytics

Run large-scale data processing and what-if analysis using statistical algorithms and predictive models to uncover hidden patterns, correlations, market trends, and customer preferences.

Process real-time data streams

Analyze events from streaming data sources in real-time to create long-running, highly available, and fault-tolerant streaming data pipelines.

Accelerate data science and ML adoption

Analyze data using open-source ML frameworks such as Apache Spark MLlib, TensorFlow, and Apache MXNet. Connect to Amazon SageMaker Studio for large-scale model training, analysis, and reporting.





Mini Workshop

Query data
with AWS Athena

Thank You

