| **AWS service** | **Azure service** | **Description** |
| --- | --- | --- |
| [Redshift](https://aws.amazon.com/redshift/) | [Synapse Analytics](https://azure.microsoft.com/services/synapse-analytics/) | Cloud-based Enterprise Data Warehouse (EDW) that uses Massively Parallel Processing (MPP) to quickly run complex queries across petabytes of data. |
| [Rekognition](https://aws.amazon.com/rekognition/) | [Cognitive Services](https://azure.microsoft.com/services/cognitive-services/) | [Computer Vision](https://azure.microsoft.com/services/cognitive-services/computer-vision/): Extract information from images to categorize and process visual data.  [Face](https://azure.microsoft.com/services/cognitive-services/face/): Detect, identify, and analyze faces in photos.   [Emotions](https://azure.microsoft.com/services/cognitive-services/emotion/): Recognize emotions in images. |
| [EMR](https://aws.amazon.com/emr/) | [Databricks](https://azure.microsoft.com/services/databricks/) | Apache Spark-based analytics platform. |
| [EMR](https://aws.amazon.com/emr/) | [HDInsight](https://azure.microsoft.com/services/hdinsight/) | Managed Hadoop service. Deploy and manage Hadoop clusters in Azure. |
| [EMR](https://aws.amazon.com/emr/) | [Data Lake Storage](https://azure.microsoft.com/services/storage/data-lake-storage/) | Massively scalable, secure data lake functionality built on Azure Blob Storage. |
| [Glue](https://aws.amazon.com/glue/) | [Data Catalog](https://azure.microsoft.com/services/data-catalog/) | A fully managed service that serves as a system of registration and system of discovery for enterprise data sources |
| [Dynamo DB](https://aws.amazon.com/dynamodb) | [Table Storage](https://azure.microsoft.com/services/storage/tables), [Cosmos DB](https://azure.microsoft.com/services/cosmos-db) | NoSQL key-value store for rapid development using massive semi-structured datasets. |
| [Kinesis Analytics](https://aws.amazon.com/kinesis/data-analytics/) | [Stream Analytics](https://azure.microsoft.com/services/stream-analytics/)   [Data Lake Analytics](https://azure.microsoft.com/services/data-lake-analytics/)   [Data Lake Store](https://azure.microsoft.com/services/data-lake-store/) | Storage and analysis platforms that create insights from large quantities of data, or data that originates from many sources. |
| [Athena](https://aws.amazon.com/athena/) | [Data Lake Analytics](https://azure.microsoft.com/services/data-lake-analytics/) | Provides a serverless interactive query service that uses standard SQL for analyzing databases. |
| [Elastic Compute Cloud (EC2) Instances](https://aws.amazon.com/ec2/) | [Virtual Machines](https://azure.microsoft.com/services/virtual-machines/) | Virtual servers allow users to deploy, manage, and maintain OS and server software. Instance types provide combinations of CPU/RAM. Users pay for what they use with the flexibility to change sizes. |
| [QuickSight](https://aws.amazon.com/quicksight/) | [Power BI](https://powerbi.microsoft.com/) | Business intelligence tools that build visualizations, perform ad hoc analysis, and develop business insights from data. |
| [Lambda](https://aws.amazon.com/lambda/) | [Functions](https://azure.microsoft.com/services/functions/) | Integrate systems and run backend processes in response to events or schedules without provisioning or managing servers. |
| [ElastiCache](https://aws.amazon.com/elasticache/) | [Cache for Redis](https://azure.microsoft.com/services/cache/) | An in-memory–based, distributed caching service that provides a high-performance store typically used to offload nontransactional work from a database. |
| [Simple Storage Services (S3)](https://aws.amazon.com/s3/) | [Blob storage](https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blobs-introduction) | Object storage service, for use cases including cloud applications, content distribution, backup, archiving, disaster recovery, and big data analytics. |
| [Route 53](https://aws.amazon.com/route53/) | [DNS](https://azure.microsoft.com/services/dns/) | Manage your DNS records using the same credentials and billing and support contract as your other Azure services |
| [Simple Notification Service](https://aws.amazon.com/sns/) | [Event Grid](https://azure.microsoft.com/services/event-grid/) | A fully managed event routing service that allows for uniform event consumption using a publish/subscribe model. |
| [Simple Queue Service (SQS)](https://aws.amazon.com/sqs/) | [Queue Storage](https://azure.microsoft.com/services/storage/queues/) | Provides a managed message queueing service for communicating between decoupled application components. |
| [Simple Queue Service (SQS)](https://aws.amazon.com/sqs/) | [Service Bus](https://azure.microsoft.com/services/service-bus/) | Supports a set of cloud-based, message-oriented middleware technologies including reliable message queuing and durable publish/subscribe messaging. |
| [CloudWatch](https://aws.amazon.com/cloudwatch) | [Application Insights](https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview) | Application Insights, is an extensible Application Performance Management (APM) service for developers and DevOps professionals. |
| [EC2 Systems Manager](https://aws.amazon.com/systems-manager/) | [Monitor](https://azure.microsoft.com/services/monitor/) | Comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments. |
| [RDS](https://aws.amazon.com/rds/) | [SQL Database](https://azure.microsoft.com/services/sql-database/)  [Database for MySQL](https://azure.microsoft.com/services/mysql/)  [Database for PostgreSQL](https://azure.microsoft.com/services/postgresql/) | Managed relational database service where resiliency, scale, and maintenance are primarily handled by the platform. |
| [CloudFront](https://aws.amazon.com/cloudfront/) | [Content Delivery Network](https://azure.microsoft.com/services/cdn/) | A global content delivery network that delivers audio, video, applications, images, and other files. |