**Amazon Simple Storage Service (Amazon S3):**

Amazon Simple Storage Service (Amazon S3) is an object storage service that **stores data as objects within buckets and offers** industry-leading scalability, data availability, security, and performance.  An object may be a file, application or any metadata.

**Amazon Relational Database Service (RDS):**

Amazon Relational Database Service (**RDS**) is a fully managed, open-source cloud database service that allows you to easily operate and scale your RDBMS.

**AWS Glue:**

AWS Glue is a serverless data integration service that makes it easy for analytics users to discover, prepare, move, and integrate data from multiple sources.

**Amazon Redshift:**

Amazon Redshift is a fully managed, petabyte-scale data warehouse service in the cloud. Resources are automatically provisioned and data warehouse capacity is intelligently scaled to deliver fast performance for even the most demanding and unpredictable workloads.

**IAM role:**

An IAM role is similar to an IAM user, in that it is an AWS identity with permission policies that determine what the identity can and cannot do in AWS. However, instead of being uniquely associated with one person, a role is intended to be assumable by anyone who needs it.

**Crawler:**

A crawler accesses your data store, extracts metadata, and creates table definitions in the AWS Glue Data Catalog.  A crawler can crawl multiple data stores in a single run. Upon completion, the crawler creates or updates one or more tables in the Data Catalog.

**Amazon Athena:**

Amazon Athena is a **serverless, interactive analytics service built** on open-source frameworks, supporting open-table and file formats.It is designed for quick, ad hoc and complex analysis.

**Amazon QuickSight:**

Amazon QuickSight connects to your data in the cloud and combines data from many different sources. In a single data dashboard, QuickSight can include AWS data, third-party data, big data, spreadsheet data, SaaS data, B2B data, and more.  As a fully managed cloud-based service, Amazon QuickSight provides enterprise-grade security, global availability, and built-in redundancy.

**AWS Lambda:**

**AWS Lambda** is an event-driven, serverless computing platform provided by Amazon as a part of Amazon Web Services. It automatically manage your AWS resources. In AWS Lambda the code is executed based on the response of events in AWS services such as add/delete files in S3 bucket, HTTP request from Amazon API gateway, etc. It can only be used to execute background tasks.

**Amazon Elastic Compute Cloud (Amazon EC2):**

Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the (AWS) Cloud. Using Amazon EC2 eliminates your need to invest in hardware up front, so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic.