**MAY-WEEK 4, Task**

***AWS S3***

AWS S3 (“Simple Storage Service”) enables users to store and retrieve any amount of data at any time or place, giving developers access to highly scalable, reliable, fast, and inexpensive data storage. Designed for 99.999999999 percent durability, AWS S3 also provides easy management features to organize data for websites, mobile applications, backup and restore, and many other applications.

***AWS RDS***

Amazon Relational Database Service (RDS) is a managed SQL database service provided by Amazon Web Services (AWS). Amazon RDS supports an array of database engines to store and organize data. It also helps with relational database management tasks, such as data migration, backup, recovery and patching. Amazon RDS is not itself a database; it is a service used to manage relational databases.

***AWS GLUE***

AWS Glue is a server less data integration service that makes it easier to discover, prepare, move, and integrate data from multiple sources for analytics, machine learning (ML), and application development.

***IAM ROLE***

AWS Identity and Access Management (IAM) is a web service that helps you securely control access to AWS resources. With IAM, you can centrally manage permissions that control which AWS resources users can access. You use IAM to control who is authenticated (signed in) and authorized (has permissions) to use resources.

***AWS CRAWLER***

A crawler accesses your data store, extracts metadata, and creates table definitions in the AWS Glue Data Catalog. The Crawlers pane in the AWS Glue console lists all the crawlers that you create. The list displays status and metrics from the last run of your crawler.

***AWS ATHENA***

Athena provides a simplified, flexible way to analyze petabytes of data where it lives. Analyze data or build applications from an Amazon Simple Storage Service (S3) data lake and 30 data sources, including on-premises data sources or other cloud systems using SQL or Python.

***AWS QUICK SIGHT***

Amazon QuickSight is a very fast, easy-to-use, cloud-powered business analytics service that makes it easy for all employees within an organization to build visualizations, perform ad-hoc analysis, and quickly get business insights from their data, anytime, on any device.

***AWS LAMBDA***

AWS Lambda is a serverless, event-driven compute service that lets you run code for virtually any type of application or backend service without provisioning or managing servers. You can trigger Lambda from over 200 AWS services and software as a service (SaaS) applications, and only pay for what you use.

***AWS EC2***

Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers. Amazon EC2's simple web service interface allows you to obtain and configure capacity with minimal friction.