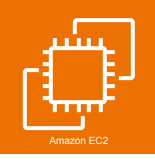



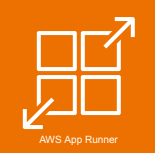

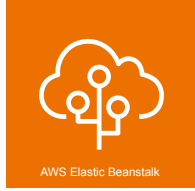

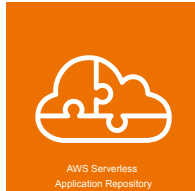




Overview of AWS Services







AWS Compute Services - 1

-  **Amazon EC2:** Provides scalable computing capacity in the AWS cloud.
-  **Amazon EC2 Auto Scaling:** Automatically adjusts the number of EC2 instances for your application based on its needs.
-  **Amazon EC2 Image Builder:** An automated and secure way to build, store, and deploy machine images.
-  **Amazon Lightsail:** Designed for simpler projects, offering everything needed to build an application or website, plus a cost-effective, monthly plan.
- **Amazon Linux 2023:** A Linux server designed for use in the AWS cloud.
-  **AWS App Runner:** A fully managed service that makes it easy for developers to quickly deploy containerized web applications and APIs, at scale and with no prior infrastructure experience required.
-  **AWS Batch:** Enables developers, scientists, and engineers to easily and efficiently run hundreds of thousands of batch computing jobs on AWS.






AWS Compute Services - 2

-  **AWS Elastic Beanstalk:** An easy-to-use service for deploying and scaling web applications and services.
-  **AWS Fargate:** A serverless compute engine for containers that works with both Amazon Elastic Container Service (ECS) and Amazon Elastic Kubernetes Service (EKS).
-  **AWS Lambda:** Lets you run code without provisioning or managing servers.
-  **AWS Serverless Application Repository:** A managed repository for serverless applications.
-  **AWS Outposts:** Brings AWS services, infrastructure, and operating models to virtually any data center, co-location space, or on-premises facility.
-  **AWS Wavelength:** Delivers ultra-low latency applications for mobile devices and end-users with 5G.
-  **VMware Cloud on AWS:** An integrated cloud offering jointly developed by AWS and VMware delivering a highly scalable, secure and innovative service.







AWS Storage Services - 1

-  **AWS Backup:** A fully managed backup service that makes it easy to centralize and automate the backup of data across AWS services.
-  **Amazon Elastic Block Store (EBS):** Provides block level storage volumes for use with EC2 instances for both throughput and transaction intensive workloads.
-  **AWS Elastic Disaster Recovery:** Minimizes downtime and data loss with fast, reliable recovery of physical, virtual, and cloud-based servers into AWS.
-  **Amazon Elastic File System (EFS):** Provides a simple, scalable, fully managed elastic NFS file system for use with AWS Cloud services and on-premises resources.
-  **Amazon File Cache:** A high-speed cache on AWS for on-premises file systems.
-  **Amazon FSx for Lustre:** A fully managed file system that is optimized for compute-intensive workloads, like high-performance computing, machine learning, and media data processing workflows.





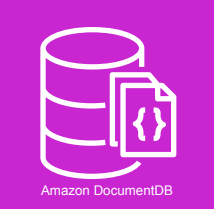

AWS Storage Services - 2

-  **Amazon FSx for NetApp ONTAP:** A fully managed storage service with features, performance, and APIs of ONTAP file systems.
-  **Amazon FSx for OpenZFS:** A fully managed file system built on the OpenZFS file system, optimized for high-performance workloads.
-  **Amazon FSx for Windows File Server:** Provides a fully managed native Microsoft Windows file system.
-  **Amazon Simple Storage Service (S3):** Offers industry-leading scalability, data availability, security, and performance.
-  **AWS Storage Gateway:** A hybrid storage service that enables your on-premises applications to seamlessly use AWS cloud storage.

AWS Database Services - 1

-  **Amazon Aurora:** A MySQL and PostgreSQL-compatible relational database built for the cloud.
-  **Amazon DynamoDB:** A key-value and document database that delivers single-digit millisecond performance at any scale.
-  **Amazon ElastiCache:** Improves the performance of web applications by allowing you to retrieve information from fast, managed, in-memory caches.
-  **Amazon Keyspaces (for Apache Cassandra):** A scalable, highly available, and managed Apache Cassandra-compatible database service.
-  **Amazon MemoryDB for Redis:** A Redis-compatible, durable, in-memory database service that delivers ultra-fast performance.
-  **Amazon Neptune:** A fast, reliable, fully managed graph database service.

AWS Database Services - 2

-  **Amazon Relational Database Service (RDS):** Makes it easy to set up, operate, and scale a relational database in the cloud.
-  **Amazon RDS on VMware:** Brings the RDS experience to VMware vSphere on-premises environments.
-  **Amazon Quantum Ledger Database (QLDB):** A fully managed ledger database that provides a transparent, immutable, and cryptographically verifiable transaction log.
-  **Amazon Timestream:** A fast, scalable, and serverless time series database service.
-  **Amazon DocumentDB (with MongoDB compatibility):** A fast, scalable, highly available, and fully managed document database service that supports MongoDB workloads.
-  **Amazon Lightsail managed databases:** Provides a simple and cost-effective option for lighter database workloads.

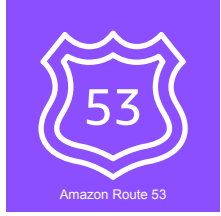
AWS Networking and Content Delivery Services - 1



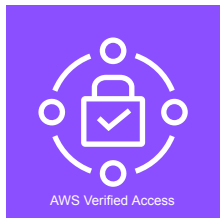
- **Amazon API Gateway:** Makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale.



- **Amazon CloudFront:** A fast content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers globally.



- **Amazon Route 53:** A highly available and scalable cloud Domain Name System (DNS) web service.



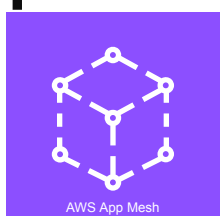
- **AWS Verified Access:** Provides secure, conditional access to your applications without a VPN.



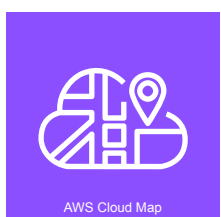
- **Amazon VPC:** Lets you provision a logically isolated section of the AWS cloud where you can launch AWS resources in a virtual network that you define.



- **Amazon VPC Lattice:** A networking service that simplifies the creation of scalable, high-performance networks in the cloud.

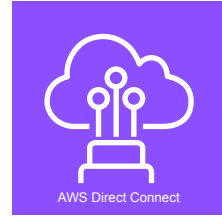


- **AWS App Mesh:** Makes it easy to monitor and control microservices running on AWS.

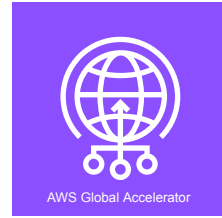


- **AWS Cloud Map:** A cloud resource discovery service.

AWS Networking and Content Delivery Services - 2



- **AWS Direct Connect:** Makes it easy to establish a dedicated network connection from your premises to AWS.



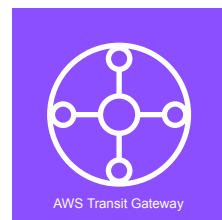
- **AWS Global Accelerator:** Improves the availability and performance of applications with local or global users.



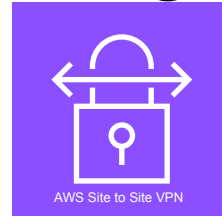
- **AWS PrivateLink:** Provides private connectivity between VPCs and AWS services, securely on the Amazon network.



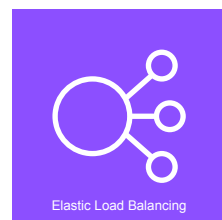
- **AWS Private 5G:** A managed service that enables you to set up and scale private 5G networks in your facilities.



- **AWS Transit Gateway:** Enables you to connect your Amazon VPCs and on-premises networks to a single gateway.

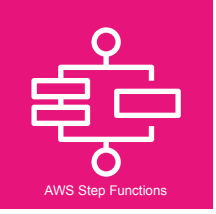
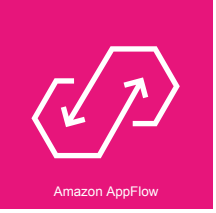
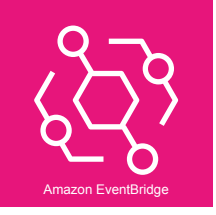



- **AWS VPN:** Establishes a secure and private tunnel from your network or device to the AWS global network.


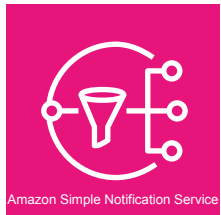
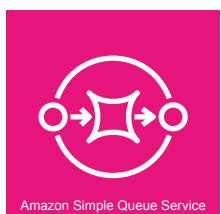
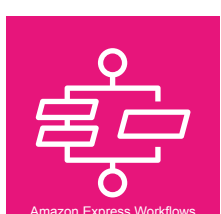


- **Elastic Load Balancing:** Automatically distributes incoming application traffic across multiple targets, such as Amazon EC2 instances, containers, and IP addresses.

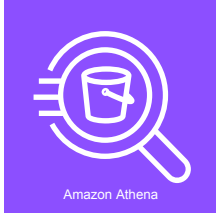




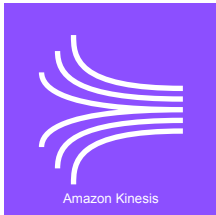
AWS Application Integration Services - 1

-  **AWS Step Functions:** Coordinates multiple AWS services into serverless workflows so you can build and update apps quickly.
-  **Amazon AppFlow:** Enables secure, automated data flows between AWS services and SaaS applications.
-  **Amazon EventBridge:** A serverless event bus service that makes it easy to connect applications using data from your own apps, SaaS, and AWS services.
-  **Amazon Managed Workflows for Apache Airflow (MWAA):** A managed service that makes it easy to run Apache Airflow on AWS, scaling resources automatically.


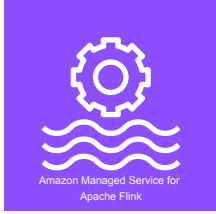

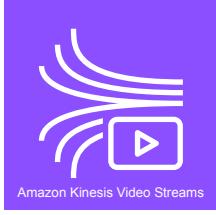


AWS Application Integration Services - 2

-  **Amazon MQ:** A managed message broker service for Apache ActiveMQ and RabbitMQ that makes it easy to set up and operate message brokers on AWS.
-  **Amazon Simple Notification Service (SNS):** A managed service that provides message delivery from publishers to subscribers (also known as producers and consumers).
-  **Amazon Simple Queue Service (SQS):** A fully managed message queuing service that enables you to decouple and scale microservices, distributed systems, and serverless applications.
-  **Amazon Simple Workflow Service (SWF):** A web service that makes it easy to coordinate work across distributed application components.



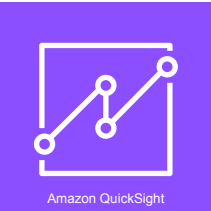

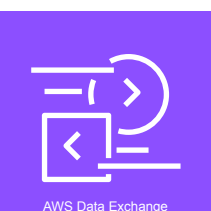
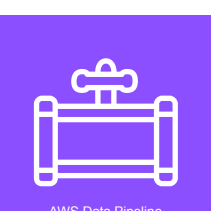
AWS Analytics Services - 1

-  **Amazon Athena:** An interactive query service that makes it easy to analyze data in Amazon S3 using standard SQL.
-  **Amazon CloudSearch:** A managed service in the cloud that makes it easy to set up, manage, and scale a search solution for your website.
-  **Amazon DataZone:** A comprehensive data management and governance service to discover, catalog, share, and govern data across organizations.
-  **Amazon EMR:** A cloud big data platform for processing massive amounts of data using open-source tools such as Apache Hadoop, Spark, HBase, and more.
-  **Amazon FinSpace:** A data management and analytics service for financial services, providing a scalable platform to store, manage, and analyze financial data.
-  **Amazon Kinesis:** A platform for streaming data on AWS, offering powerful services to make it easy to load and analyze streaming data.





AWS Analytics Services - 2

-  **Amazon Data Firehose:** A service for reliably loading streaming data into data lakes, data stores, and analytics services.
-  **Amazon Managed Service for Apache Flink:** A fully managed service that makes it easy to build and run applications using Apache Flink.
-  **Amazon Kinesis Data Streams:** A massively scalable and durable real-time data streaming service.
-  **Amazon Kinesis Video Streams:** A service that makes it easy to securely stream video from connected devices to AWS for analytics, machine learning (ML), and other processing.
-  **Amazon OpenSearch Service:** An Elasticsearch-compatible service offering easy to deploy, operate, and scale Elasticsearch on the AWS Cloud.
-  **Amazon OpenSearch Serverless:** A serverless option for Amazon OpenSearch Service that automatically scales resources to match the workload.





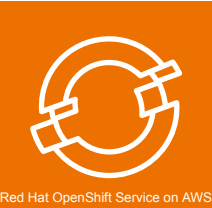
AWS Analytics Services - 3

-  **Amazon Redshift:** A fast, scalable data warehouse that makes it simple and cost-effective to analyze all your data across your data warehouse and data lake.
-  **Amazon Redshift Serverless:** A serverless option for Amazon Redshift that automatically manages the data warehouse capacity and scaling.
-  **Amazon QuickSight:** A fast, cloud-powered business intelligence service for easy creation and sharing of dashboards.
-  **AWS Clean Rooms:** A service that enables organizations to analyze and collaborate on sensitive data without revealing the underlying data.
-  **AWS Data Exchange:** A service that makes it easy to find, subscribe to, and use third-party data in the cloud.
-  **AWS Data Pipeline:** A web service for processing and moving data between different AWS compute and storage services.

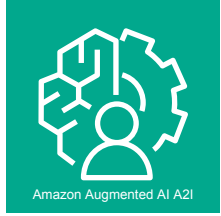





AWS Analytics Services - 4

-  **AWS Entity Resolution:** A machine learning service that makes it easy to identify duplicate or similar entities within datasets.
-  **AWS Glue:** A fully managed extract, transform, and load (ETL) service that makes it easy for customers to prepare and load their data for analytics.
-  **AWS Lake Formation:** A service that makes it easy to set up a secure data lake in days.
-  **Amazon Managed Streaming for Apache Kafka (Amazon MSK):** A fully managed service that makes it easy to build and run applications that use Apache Kafka to process streaming data.


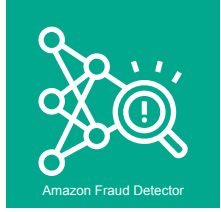

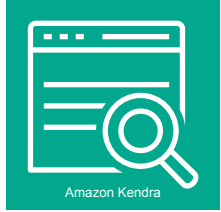
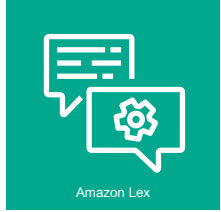
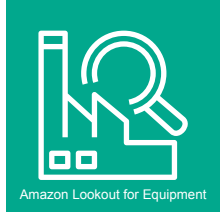
AWS Container Services

-  **Amazon Elastic Container Registry (ECR):** A fully managed Docker container registry that makes it easy for developers to store, manage, and deploy Docker container images.
-  **Amazon Elastic Container Service (ECS):** A highly scalable, fast, container management service that makes it easy to run, stop, and manage containers on a cluster.
-  **Amazon Elastic Kubernetes Service (EKS):** Fully managed Kubernetes service for automating deployment, scaling, and management of containerized applications.
-  **AWS App2Container:** A command-line tool for modernizing .NET and Java applications into containerized applications.
-  **Red Hat OpenShift Service on AWS:** A fully managed and jointly supported service by AWS and Red Hat to run OpenShift container platform on AWS.




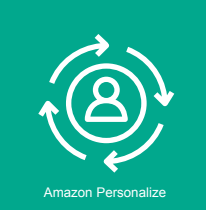

AWS ML and AI Services - 1

-  **Amazon Augmented AI (A2I):** Easily implement human review of ML predictions to improve model accuracy.
-  **Amazon Bedrock:** A fully managed service to easily build, train, and deploy machine learning models at scale.
-  **Amazon CodeGuru:** An automated code review service that uses machine learning to identify critical issues, security vulnerabilities, and hard-to-find bugs during application development.
-  **Amazon CodeWhisperer:** AI-powered service that helps improve developer productivity by providing code recommendations.
-  **Amazon Comprehend:** Natural Language Processing (NLP) service to uncover insights and relationships in text.
-  **Amazon DevOps Guru:** An ML-driven service that makes it easier to improve application availability by automatically detecting operational issues.

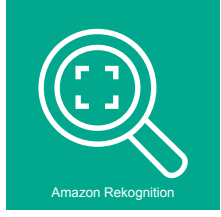
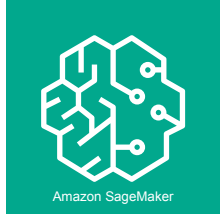
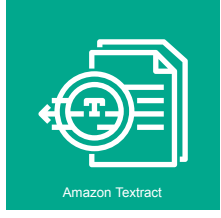
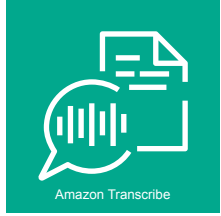


AWS ML and AI Services - 2

-  **Amazon Forecast:** Uses machine learning to deliver highly accurate forecasts based on the same technology used at Amazon.com.
-  **Amazon Fraud Detector:** Identifies potentially fraudulent online activities, such as online payment fraud and fake accounts, using machine learning.
-  **Amazon Comprehend Medical:** Uses machine learning to extract relevant medical information from unstructured text.
-  **Amazon Kendra:** An intelligent search service powered by machine learning, making it easy to find the information you need within the vast amount of data.
-  **Amazon Lex:** Builds conversational interfaces into any application using voice and text.
-  **Amazon Lookout for Equipment:** Uses machine learning to identify abnormal equipment behavior so you can take action before machine failures occur.

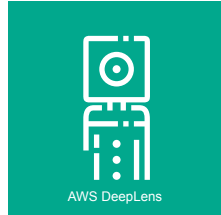
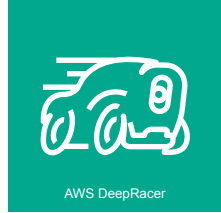



AWS ML and AI Services - 3

-  **Amazon Lookout for Metrics:** Uses machine learning to detect anomalies in your business and operational data.
-  **Amazon Lookout for Vision:** Uses machine learning to identify defects in industrial products, ensuring product quality.
-  **Amazon Monitron:** An end-to-end system that uses machine learning to detect abnormal behavior in industrial machinery.
-  **Amazon Personalize:** Provides a personalized user experience for applications using machine learning technology perfected from years of use on Amazon.com.
-  **Amazon Polly:** Turns text into lifelike speech, allowing you to create applications that talk.

AWS ML and AI Services - 4

-  **Amazon Rekognition:** Makes it easy to add image and video analysis to your applications.
-  **Amazon SageMaker:** A fully managed service that provides every developer and data scientist with the ability to build, train, and deploy machine learning models quickly.
-  **Amazon Textract:** Automatically extracts text and data from scanned documents.
-  **Amazon Transcribe:** Automatic speech recognition service to add speech-to-text capability to applications.
-  **Amazon Translate:** Natural and fluent language translation service to localize content for international users.
-  **AWS DeepComposer:** A machine learning-powered musical keyboard for developers to get hands-on with generative AI.

AWS ML and AI Services - 5

-  **AWS DeepLens:** The world's first deep learning-enabled video camera for developers.
-  **AWS DeepRacer:** A fully autonomous 1/18th scale race car driven by reinforcement learning, 3D racing simulator.
-  **AWS HealthLake:** Transforms health data with machine learning, making it easy to store, transform, and analyze health data in the cloud.
-  **AWS HealthScribe:** Empowers healthcare providers to easily create accurate medical notes through automated, real-time medical transcription.
-  **AWS Panorama:** A machine learning appliance and SDK that bring computer vision to on-premises cameras.

**Thanks
for
Watching**