Data & Analytics

- Amazon Redshift: Perform analytical queries.
- Amazon Athena: Quick analysis
- DR plan for Redshift: Enable Automated snapshots, then configure your Redshift cluster to automatically copy snapshots to another AWS Region.
- Enhanced VPC Routing: Forces all copy and UNLOAD traffic moving between your clusters and data repo through your VPCs.
- AWS Glue: Allows you to create, run and monitor ETL jobs in a few clicks.
- Amazon Open Search service: Centrally store those logs and efficiently search and analyze those logs in real time for detection of any errors and if there is any threat.
- Amazon EMR: Makes it easy and cost-effective for data engineers and analysts to run applications built using open source big data frameworks such as Apache Spark, Hive or Presto without having to operate or manage clusters.
- Glue Job Bookmarks: Save and track the data that has already been processed during a previous run of a Glue ETL job.

- Migrate Apache Kafka : Amazon MSK.
- Lake Formation - Fine-grained Access Control:
  if data stored in RDS, S3 buckets and are using
  AWS Lake formation as a data lake to collect,
  move and catalog data to do analytics.
- Real-time analytics on streams of data -
  Kinesis Data Analytics with Kinesis Data
  Streams as the underlying source of data.