**Amazon Athena - Pros and Cons**

1. Amazon Athena provides serverless querying of stored data on Amazon S3 using standard SQL syntax.
2. Athena is based on the Presto SQL query engine.
3. Athena enabling you to query data in several formats including
   1. JSON, CSV, log files,
   2. text with custom delimiters,
   3. Apache Parquet, and Apache ORC
4. With a serverless architecture, AWS dynamically manages the allocation of computing resources in Athena by handling server management and capacity planning decisions for the user.

**Pros of Amazon Athena**

1. Quick and easy to set up because you don't provision computing resources or manage servers—AWS does it for you
2. You can query data where it is housed, in its native format, Simple cost structure.
3. The price based only on queried data
4. The serverless architecture is a particularly useful advantage of Athena—since AWS abstracts away infrastructural management from the user, operational costs are lower.

**Cons of Amazon Athena**

1. You can only read data; you cannot write back to S3.
2. There are limitations on query times, concurrent queries, and Amazon S3 buckets.
3. There is no support for user-defined functions (UDFs) in Amazon Athena.