Cost Saving

Sujith Nair

Cloud Data Architect

Snowflake Snowpro Certified

How can you reduce storage costs in your project?

- Use transient tables wherever suitable
- Set time-travel period on permanent tables to a suitable level
- Identify unused objects and drop them if not required, build automated stored procedure to locate and drop objects that are unused for over a year.
- Use temporary tables if the data is not required after the session is done.

#What are the best practices that we can follow to reduce credit consumption?

•Size the warehouse appropriately, start with a smaller warehouse and test the query and progressively increase the size till you can find a good fit. Over provisioning can cost credits and should be avoided as cost doubles every time we size-up.

•Use the WAREHOUSE_LOAD_HISTORY and ensure that the warehouses are being fully utilized when they are running.

•Enable auto-suspend, credits are consumed even if no queries are being executed, so enable auto-suspend to shut down warehouses when they are not needed.

•Control access to CREATE and MODIFY privilege of warehouse to control creation and re-sizing of the warehouse which can increase cost.

•Use STATEMENT_TIMEOUT_IN_SECONDS to kill hung or runaway queries as they consume a lot of credits, and we can define the maximum amount of time an SQL statement can be run before it is canceled.

•Use resource monitors to enforce spending limits.

Thank you!

Learn2CloudData Solutions