Below mentioned are the list of new macros which would be developed as part of the audit logging framework along with the intended functionality explained.

**ld\_audit\_log\_session\_set.sql**

Description – This is a pre-hook macro which will be called in load models for capturing any pre-run session variables and record counts if needed.

* Set batch load start time session variable
* Set any other required session variables

**ld\_audit\_log\_stats\_capt.sql**

Description – This is a post-hook macro which would be called in load models for capturing below details in audit log table

* Capture batch run start and competition times
* Capture batch run completion status
* Capture target EDW insert record counts
* Capture target EDW update record counts

NOTE – This macro will go through enhancement once we are ready with SCD 2 load models.

**stg\_audt\_log\_session\_set.sql** *(Future development based on need)*

Description – This is a pre-hook macro which will be called in stage models for capturing any pre-run session variables.

* Set batch load start time session variable
* Set any other required session variables

**stg\_audit\_log\_stats\_capt.sql**

Description – This is a post-hook macro which would be called in stage models for capturing below details in audit log table

* Capture batch run start and competition times
* Capture batch run completion status

**exec\_err\_messg\_audt\_log.sql**

Description - This is an on-run-end macro which would be called after completion of all model executions in a given session for capturing below details in audit log table.

* Capture error message for all failed model executions in a session.
* Capture appropriate status message for all skipped model executions in a session.