Create or replace stage

Fle\_format = ‘csv’

Storage\_integration = s3\_read

url = 's3://phdata-snowflake-stage/data/user\_pgardhas/test\_files/'

create or replace table emp\_source

(

emp\_id int,

emp\_name string,

emp\_state string

);

Create or replace task emp\_task\_type1

* It has to update the old with new one and no history will be maintained

Crete or replace task emp\_trunctae\_source

Warehouse\_name ‘wh\_name’

Schedule = ‘ 1440 minutes’

Truncate table emp\_source

Create or replace task emp\_file\_to\_source\_table

Warehouse\_name = ‘wh\_name’

After scource\_truncate

Copy into emp\_spource from @emp\_stage

Filr\_format=(type=’csv’, skip\_headr=1)

Create or replace task emp\_scd1

Warehouse=’warejouse\_name’

After empfioe\_source\_table

Merge into emp\_stage\_scd1 emp

Using (seect \* from emp\_source) src

On emp.emp\_id = src.emp\_id

When matched and (emp.empname!=src.empname or emp.emp\_state!= src.empstaee)

Then

Update set emp.emp\_name = src.e,p\_name and emp.state = src.state)

When not matched

Then

Insert into (emp\_id,2,3) values(vales)

Create or replace task emp\_scd1 emp

After emp\_file\_soucre\_table

Merge into @emp\_stage\_scd1

Using(select \* from emp\_source)src

On emp.emp\_id = src.emp\_id

When matched and (emp.emp\_name != src.emp\_name or emp.state 1= src.state)

Then

Update set emp.emp\_name = src.emp\_name and state as well

When not matched

Then

Insert (3 cols) values (vales)

Create or replace task emp\_remove

Warehouse= ‘ c\_wh’

After emp\_scd1

As

Remove ‘@emp\_data\_stage’

Create or replace stream emp\_check on table emp\_check\_scd1

Create or replace task emp\_scd2 emp

Warehouse = ‘wh\_name’

Schedule = ‘1440 miutes’

after emp\_scd1

when stream\_has\_data (‘emp\_check’)

mergt into emp\_stage\_scd2 emp

using (select \* from emp\_chk) chk

on chk.emp\_id = emp.emp\_id

and chk.state = emp.state

when matched and (chk.metadata$action = ‘DELETE)

then

update set end\_time = current\_ts()

, current\_flsg\_status = ‘False’

When not matched and (chk.metedataaction = ‘INSERT’)

Then

insert(emp\_id,emp\_name,emp\_state,start\_time,end\_time,current\_flag\_status)

values (chk.emp\_id,chk.emp\_name,chk.emp\_state,to\_timestamp(current\_timestamp),NULL,'True');

reate or replace task src\_file\_remove

warehouse=compute\_wh

after emp\_scd1

as

remove '@ emp\_data\_stage/\*'

create or replace task emp\_scd2

warehouse = ‘c\_wh’

after emp\_scd1

when $stream\_has\_data(‘emp\_check’)

as

merge into @emp\_stage\_scd2 emp

using (select \* from emp\_chk) chk

on emp.emp\_id = chk.emp\_id

and emp.state = chk.emp\_state

when matched and (chk.metad$action = ‘Deete’)

update set end\_time = curewnt\_ts()

and current\_status\_flag = ‘False

when not matched an d(chh.metadataacion = ‘INSERT’)

then

insert into (6 cols) values 9ch. 6 cpls)

create or replace task src\_remove

arehouse\_name = ‘wh\_name’

after emp\_scd1

as

remove ‘emp\_data\_stage’

create or replace task src\_truncate

wh:

schedule:

as

truncate table emp\_source

create or replace task source\_to\_emp\_src

wh:

schedule:

after src\_truncate

as

copy into emp\_soiurce

from @emp\_stage

file\_format = (type=’csv’, skip\_header=1)

create or replace task emp\_scd1

wh:

schedule:

after source\_to\_emp\_source

as

merge into emp\_scd1 emp

using (select \* from emo\_source) src

on emp.emp\_id = src.emp\_id

and( emp.emp\_name != src.emp\_name

and emp.state = src.state)

when matched

then

update set emp.emp\_name = src.e,mp\_name

and state

when not matched

then

insert(emp\_id,…)values(src.emp\_id,,,)

create or replace task emp\_src\_remove

wh = c\_wh

after emp\_scd1

as

remove @emp\_data\_stage

create or replace stream emp\_chk on table emp\_stage\_scd1

create or replace task emp\_src\_truncate

wh=

schedule=

as

truncate table emp\_source

create or replace task src\_to\_emp\_source

wh=

schedule =

after emp\_src\_truncate

as

copy into emp\_src

from @emp\_data\_stage

fule\_format = (type=’csv’, skip\_hear=1)

create or replace task emp\_scd1

wh=

scehdue =

after source\_to\_emp\_source

as

merge into emp\_scd1 emp

using (select \* from emp\_source) src

on emp.emp\_id = src.emp\_id

and emp.emp\_name!=src.emp\_name

when matched

then

update set emp.emp\_name = src.emp\_name

and state

whrn not matched

then

insert(emp\_id,…) values(src.emp\_id)

**create or replace task emp\_scd2**

**wh =**

**schedule =**

**after emp\_scd1**

**when system$stream\_has\_data(‘emp\_check’)**

**as**

**merge into emp\_scd\_2 emp**

**using (select \* from emp\_check chk**

**on emp.emp\_id = src.emp\_id**

**and emp.emp\_state = src.emp\_stae**

**when matched and (chk. Metadata$action = ‘DELETE’)**

**then**

**update set end\_time = cu\_ts(\_**

**and current\_status\_flag = ‘False’**

**when not matched and (chk.metedateaction = ‘INSERT’)**

**then**

**insert(emp\_id,…)values(chk.emp\_id,…)**

create or replace task remove\_stg

wh =

schedule =

as

after emp\_sdc1

remove @emp\_dat\_stg

create or replace task emp\_scd2

wh=

schedule =

after emp\_scd1

as

when system$stream\_has\_data(‘emp\_check’)

merge into emp\_stage\_sdc2 emp

using (select \* from emp\_check chk

on emp.emp\_id = chk.emp\_id

and emp.emp\_name = chk.emp\_name

when matched (stream$metadataaction = ‘DELETE’)

then

update set end\_time = cu\_ts()

and current\_status\_flag = ‘False’

when not matched (stream$metadataaction = ‘INSERT’)

then

insert(emp\_id,….) values(chk.emp\_id)

create or replace task remove\_stage

wh =

schdue =

as

remove @data\_emp\_satge