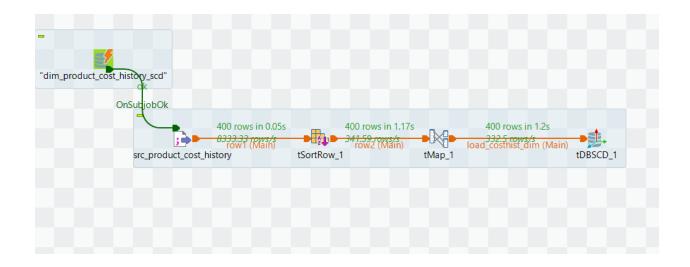
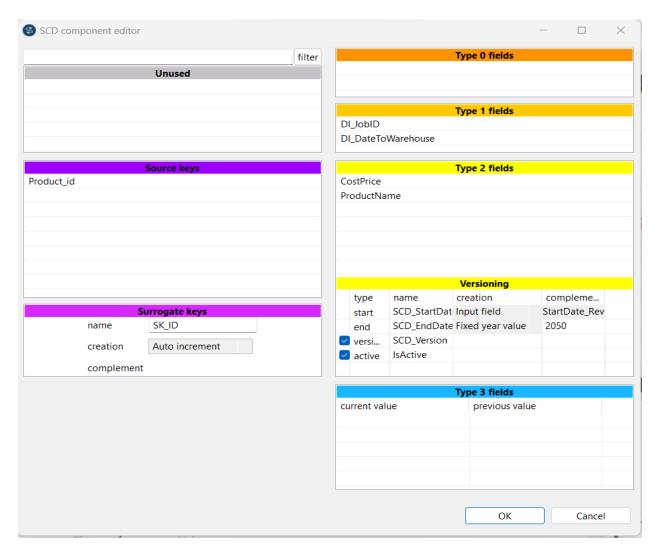
# Talend SCD implementation with Audit Logging and Orchestration pipeline (Individual Submission)

--By AMEY PARANGE

### wf\_load\_dim\_product\_cost\_history\_scd





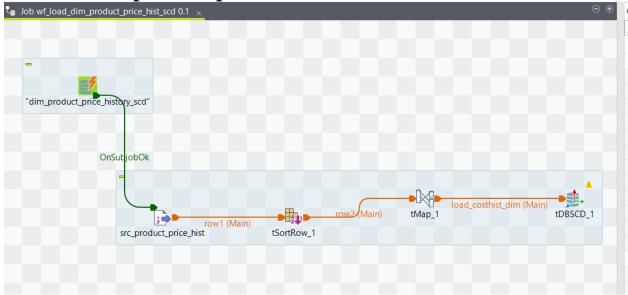
#### SQLOutput:

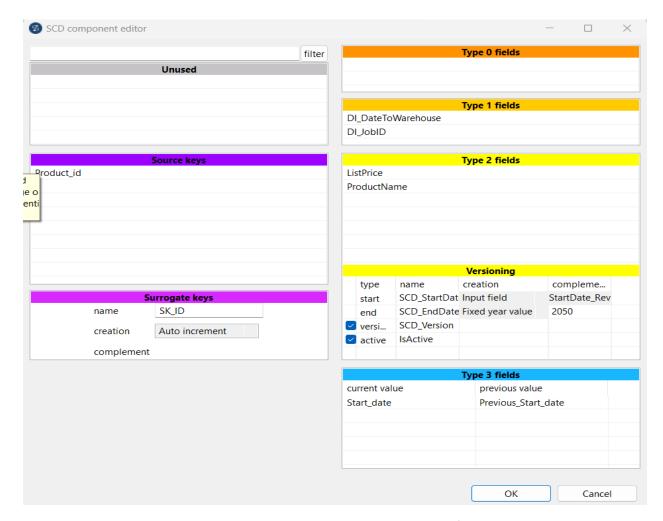
- 1 select \* from dim\_product\_cost\_history\_scd;
  2
  3 select count(\*) from dim\_product\_cost\_history\_scd;
- | Edit: 🕍 🖶 | Export/Import: 📳 🐌 | Wrap Cell Content: 🏗 SK\_ID Product\_id ProductName CostPrice SCD\_StartDate SCD\_EndDate DI\_JobID 707 Sport-100 Helmet, Red 13.8782 2020-05-30 00:00:00 2021-05-30 00:00:00 2 2023-10-29 22:25:00 cretS2 707 Sport-100 Helmet, Red 13.0863 2021-05-30 00:00:00 2050-01-01 12:00:00 2023-10-29 22:25:00 708 Sport-100 Helmet, Black 12.0278 2019-05-31 00:00:00 2020-05-30 00:00:00 1 2023-10-29 22:25:00 cretS2 5 708 Sport-100 Helmet, Black 13.8782 2020-05-30 00:00:00 2021-05-30 00:00:00 0 2023-10-29 22:25:00 cretS2 6 Sport-100 Helmet, Black 13.0863 2021-05-30 00:00:00 2050-01-01 12:00:00 3 708 2023-10-29 22:25:00 cretS2 Mountain Bike-V3 4.3963 2023-10-29 22:25:00 709 2018-03-31 00:00:00 2019-05-31 00:00:00 cretS2 8 709 Mountain Bike Socks, M 3.3963 2019-05-31 00:00:00 2019-05-31 00:00:00 2 2023-10-29 22:25:00 cretS2 Mountain Bike 3.3963 2019-05-31 00:00:00 2020-01-15 00:00:00 2023-10-29 22:25:00 10 709 Mountain Bike Socks-2, M 5.3963 2020-01-15 00:00:00 2020-01-15 00:00:00 4 0 2023-10-29 22:25:00 cretS2 Mountain Bike-V3 Mountain Bike-V3 5.3963 4.3963 11 709 2020-01-15 00:00:00 2022-03-31 00:00:00 0 2023-10-29 22:25:00 cretS2 709 2022-03-31 00:00:00 2050-01-01 12:00:00 6 2023-10-29 22:25:00 12 cretS2 710 Mountain Bike Socks, L 3.3963 2019-05-31 00:00:00 2050-01-01 12:00:00 2023-10-29 22:25:00 cretS2

3 • select count(\*) from dim\_product\_cost\_history\_scd;

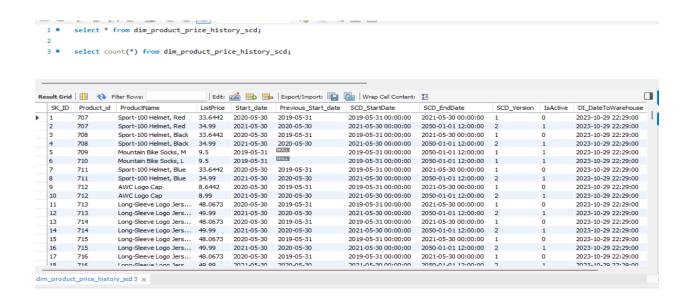


 $wf\_load\_dim\_product\_price\_hist\_scd$ 





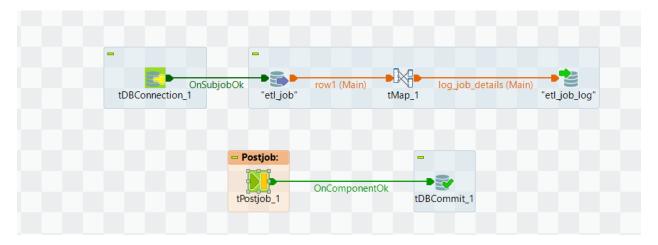
SQL Output: Row is 390 as price has not been changed but revised on different dates with same price



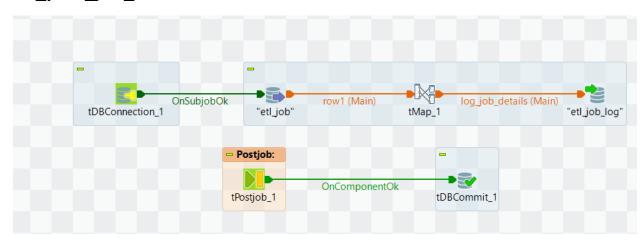
select count(\*) from dim\_product\_price\_history\_scd;



## wf\_pre\_job\_load



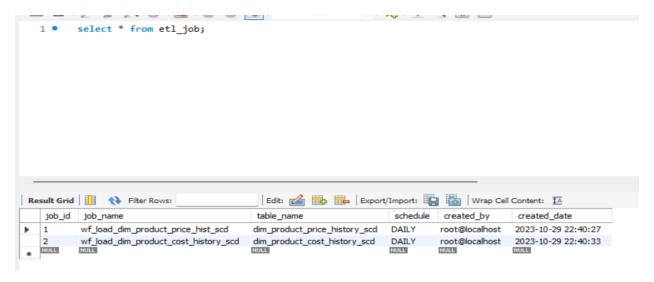
# wf\_post\_job\_load



### wf\_orchestration\_pipeline



#### **SQL OUTPUT:**



13

14

15

16

17

18

10

710

711

711

711

712

712

717

Mountain Bike Socks, L

Sport-100 Helmet, Blue

Sport-100 Helmet, Blue

Sport-100 Helmet, Blue

AWC Logo Cap

AWC Logo Cap

AMIC Long Can

3.3963

13.8782

5.7052

5,2297

6 0773

2019-05-31 00:00:00

12.0278 2019-05-31 00:00:00 2020-05-30 00:00:00 1

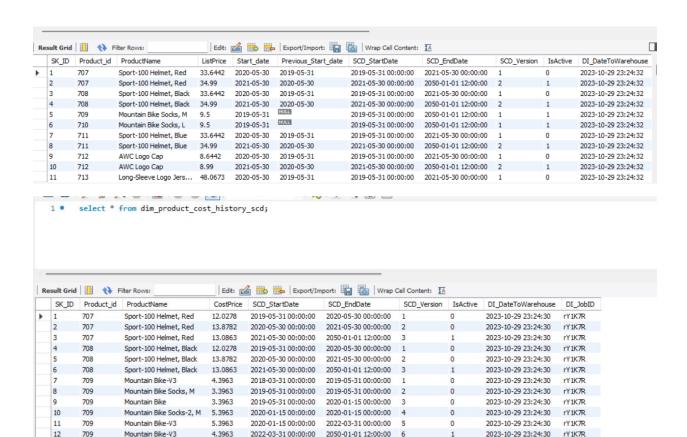
13.0863 2021-05-30 00:00:00 2050-01-01 12:00:00 3

2020-05-30 00:00:00 2021-05-30 00:00:00

2019-05-31 00:00:00 2020-05-30 00:00:00

2020-05-30 00:00:00 2021-05-30 00:00:00 2

2021-05-30 00+00+00 2050-01-01 12+00+00 3



2050-01-01 12:00:00

2023-10-29 23:24:30

2023-10-29 23:24:30

2023-10-29 23:24:30

2023-10-29 23:24:30

2023-10-29 23:24:30

2022-10-20 23-24-30

2023-10-29 23:24:30 rY1K7R

0

0

1

0

0

rY1K7R

rY1K7R

rY1K7R rY1K7R

rY1K7R

rV1K70

#### 1 • select \* from etl\_job\_log;

Result Grid				Edit: 🚄 🖶		
	job_log_id	job_id	job_status	created_by	created_date	
•	17	2	Running	amey8	2023-10-29 23:24:30	
	18	2	Completed	amey8	2023-10-29 23:24:31	
	19	1	Running	amey8	2023-10-29 23:24:31	
	20	1	Completed	amey8	2023-10-29 23:24:34	
	HULL	HULL	HULL	NULL	NULL	