

SCD type 2

Friday, April 19, 2024 3:30 PM

1. Voeg een hashdiff toe sha(concat(for column if column != pk), 256)
2. join 2 tabellen waar active = True & HD != HD
3. Maak een union van tabel brons en onze gejoinde tabel
4. Merge deze unie met de silver tabel, dan komt de logica

Handwritten notes on a whiteboard illustrating SCD Type 2 logic.

Table 1 (Bronze):

PK	color	active
1	Red	T
2	Green	T
3	Black	T
4	Yellow	T

Table 2 (Silver):

PK	color	active	HD
1	Red	T	
2	Blue	T	
3	White	F	
4	Red	T	
5	Red	F	

Logic:

- PK is 1? $SHA(concat(for column if column != pk), 256)$
- When active = True & HD != HD

Union:

PK	color	active	HD
1	Red	T	
2	Green	T	
3	Black	T	
4	Yellow	T	
5	Red	F	

Merge:

4. merge = 2. PK

- When Matched false
- active = F
- end date = now
- When not matched Insert
- color = 4... color
- When not matched by source table
- (soft delete)

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