

SQL Code

```
1  /* 3_2_Fill_Dim_User.sql
2      dblink versie – FIXED (geen index meer op views)
3  */
4
5  BEGIN;
6
7  TRUNCATE TABLE Dim_User RESTART IDENTITY CASCADE;
8
9  -- 1. User activity
10 CREATE OR REPLACE VIEW v_user_activity AS
11 SELECT
12     tl.hunter_id AS user_id,
13     COUNT(*) AS log_count
14 FROM src_treasure_log tl
15 GROUP BY tl.hunter_id;
16
17 -- 2. User enriched
18 CREATE OR REPLACE VIEW v_user_enriched AS
19 SELECT
20     u.id AS user_id_bytea,
21     encode(u.id, 'hex') AS user_id_hex,
22     u.first_name,
23     u.last_name,
24     c.city_name,
25     co.name AS country_name,
26     COALESCE(ua.log_count, 0) AS log_count
27 FROM src_user_table u
28 LEFT JOIN src_city c
29     ON u.city_city_id = c.city_id
30 LEFT JOIN src_country co
31     ON c.country_code = co.code
32 LEFT JOIN v_user_activity ua
33     ON ua.user_id = u.id;
34
35 -- 3. Insert
36 INSERT INTO Dim_User (
37     UserID,
38     FirstName,
39     LastName,
40     CityName,
41     CountryName,
42     ExperienceLevel,
43     IsDedicator,
44     ValidFromDate,
45     ValidToDate,
46     IsCurrent
47 )
48 SELECT
49     user_id_hex AS UserID,
50     first_name AS FirstName,
51     last_name AS LastName,
52     LEFT(city_name, 100) AS CityName,
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53     LEFT(country_name, 100)           AS CountryName,
54     CASE
55         WHEN log_count >= 50 THEN 'Expert'
56         WHEN log_count >= 10 THEN 'Intermediate'
57         WHEN log_count >= 1 THEN 'Beginner'
58         ELSE 'New'
59     END                               AS ExperienceLevel,
60     (log_count >= 30)                  AS IsDedicator,
61     CURRENT_DATE                       AS ValidFromDate,
62     DATE '9999-12-31'                  AS ValidToDate,
63     TRUE                               AS IsCurrent
64 FROM v_user_enriched;
65
66 COMMIT;
67
```