

## Lab report #3

### Sadovskaya Veronika

GitHub: <https://github.com/sdveronika/DataMola22>

#### Task 1 - Export Geo Location Reference

Create tablespace and user for working with the table by location.

```
CREATE TABLESPACE geo_denormalized_t
DATAFILE '/oracle/u02/oradata/VSadovskaisdb/db_geo_denormalized_t.dat'
SIZE 150M
AUTOEXTEND ON NEXT 50M
SEGMENT SPACE MANAGEMENT AUTO;

CREATE USER SB_MBackUp
IDENTIFIED BY "qFWD4"
DEFAULT TABLESPACE geo_denormalized_t;

GRANT CONNECT, RESOURCE TO SB_MBackUp;
GRANT SELECT ANY TABLE TO SB_MBackUp;

ALTER USER SB_MBackUp QUOTA UNLIMITED ON geo_denormalized_t;
```

Script Output x

Task completed in 0,043 seconds

TABLESPACE GEO\_DENORMALIZED\_T created.

User SB\_MBACKUP created.

Grant succeeded.

Create demormalized table using CONNECT BY containing additional columns from the task

```
CREATE TABLE SB_MBackUp.geo_denormalized_tab
TABLESPACE geo_denormalized_t
AS
SELECT pgid.cid
, pgid.pid
, pgid.link_type_id
, pgid.id_type
, pgid.lev_count
, pgid.geo_path
, cnt.country_id
, cnt.region_desc AS country_name
, prt.part_desc
, reg.region_desc
FROM ( SELECT country geo_id
```

Script Output x

Task completed in 0,153 seconds

Table SB\_MBACKUP.GEO\_DENORMALIZED\_TAB created.

Select from denormalized table.

CID	PID	LINK_TYPE_ID	ID_TYPE	LEV_COUNT	GEO_PATH	COUNTRY_ID	COUNTRY_NAME	PART_DESC
1 484	483	1 ROOT	3	483	(null) (null)	(null) (null)	(null)	(null)
2 502	484	2 BRANCH	14	483:484	(null) (null)	(null) (null)	(null)	(null)
3 242	502	3 LEAF	(null)	483:484:502	328 Guyana	Latin America and the		
4 273	502	3 LEAF	(null)	483:484:502	68 Bolivia (Plurinational State of)	Latin America and the		
5 278	502	3 LEAF	(null)	483:484:502	862 Venezuela (Bolivarian Republic of)	Latin America and the		
6 355	502	3 LEAF	(null)	483:484:502	76 Brazil	Latin America and the		
7 359	502	3 LEAF	(null)	483:484:502	600 Paraguay	Latin America and the		
8 362	502	3 LEAF	(null)	483:484:502	238 Falkland Islands (Malvinas)	Latin America and the		
9 375	502	3 LEAF	(null)	483:484:502	740 Suriname	Latin America and the		
10 401	502	3 LEAF	(null)	483:484:502	604 Peru	Latin America and the		
11 407	502	3 LEAF	(null)	483:484:502	218 Ecuador	Latin America and the		
12 410	502	3 LEAF	(null)	483:484:502	170 Colombia	Latin America and the		
13 413	502	3 LEAF	(null)	483:484:502	152 Chile	Latin America and the		
14 418	502	3 LEAF	(null)	483:484:502	254 French Guiana	Latin America and the		
15 463	502	3 LEAF	(null)	483:484:502	32 Argentina	Latin America and the		
16 478	502	3 LEAF	(null)	483:484:502	858 Uruguay	Latin America and the		

