Lab report #1 Sadovskaya Veronika

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

Task 1 - CREATE Storage Objects

1) Create sa_t_dish

```
CREATE TABLE sa_restaurants.sa_t_dish(
dish_name VARCHAR2(20),
dish_category VARCHAR2(20),
price DECIMAL (10,2),
composition VARCHAR2(150),
weight DECIMAL (10,2),
dish_status CHAR(2) CHECK (dish_status IN ('N','Y'))
)TABLESPACE ts_sa_restaurants_data_01;

Script Output X

Table SA_RESTAURANTS.SA_T_DISH created.
```

2) Create sa_t_restaurant

```
GCREATE TABLE sa_restaurants.sa_t_restaurant(
phone VARCHAR2(20),
email VARCHAR2(40),
street VARCHAR2(40),
country VARCHAR2(20),
city VARCHAR2(20),
building INT,
apartment INT,
restaurant_status CHAR(1) CHECK (restaurant_status IN ('N','Y'))
)TABLESPACE ts_sa_restaurants_data_01;

Script Output X

Script Output X

Table SA_RESTAURANTS.SA_T_RESTAURANT created.
```

3) Create sa_t_client

```
CREATE TABLE sa_clients.sa_t_client(
    first_name VARCHAR2(20),
    last_name VARCHAR2(20),
    phone VARCHAR2(20),
    email VARCHAR2(40),
    street VARCHAR2(40),
    country VARCHAR2(20),
    client_status CHAR(1) CHECK (client_status IN ('N','Y'))
    )TABLESPACE ts_sa_clients_data_01;

Script Output x

Script Output x

Table SA_CLIENTS.SA_I_CLIENT created.
```

4) Create sa_t_payment_method

```
CREATE TABLE sa_restaurants.sa_t_payment_method(
    payment_method_name VARCHAR2(20),
    payment_method_status CHAR(1) CHECK (payment_method_status IN ('N','Y'))
) TABLESPACE ts_sa_restaurants_data_01;

Script Output x

| Task completed in 0,043 seconds

Table SA_RESTAURANTS.SA_T_PAYMENT_METHOD created.
```

5) Create sa_t_gen_period

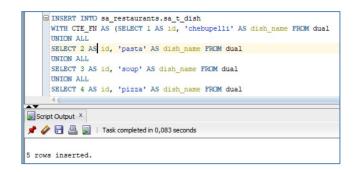
6) Create sa_t_employee

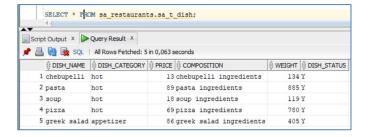
```
CREATE TABLE sa_restaurants.sa_t_employee(
      first_name VARCHAR2(20),
      last_name VARCHAR2(20),
     phone VARCHAR2 (20),
     email VARCHAR2(40),
     department VARCHAR2 (20),
     job_title VARCHAR2(20),
      street VARCHAR2 (40),
     country VARCHAR2 (20),
      city VARCHAR2 (20),
      building INT,
      apartment INT,
      employee_status CHAR(1) CHECK (employee_status IN ('N','Y')))
      TABLESPACE ts_sa_restaurants_data_01;
Script Output X
📌 🧽 🖪 🚇 屢 | Task completed in 0,051 seconds
Table SA_RESTAURANTS.SA_T_EMPLOYEE created.
```

7) Create sa_t_transaction

Task 2 - Generate Test Data in Storage Layers

1) Generate test data for the table sa_t_dish





2) Generate test data for the table sa_t_restaurant

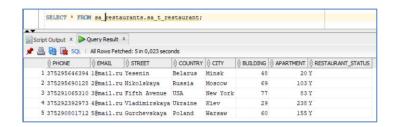
```
INSERT INTO sa_restaurants.sa_t_restaurant
WITH CTE_FN AS (
SELECT 1 AS id, 'Belarus' AS country FROM dual
UNION ALL
SELECT 2 AS id, 'Russia' AS country FROM dual
UNION ALL
SELECT 3 AS id, 'USA' AS country FROM dual
UNION ALL
SELECT 4 AS id, 'Ukraine' AS country FROM dual
UNION ALL
SELECT 5 AS id 'Beland' AS country FROM dual
UNION ALL
SELECT 6 AS id 'Beland' AS country FROM dual

Script Output X

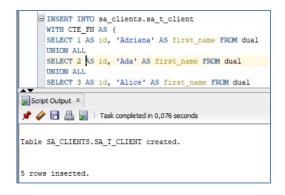
Script Output X

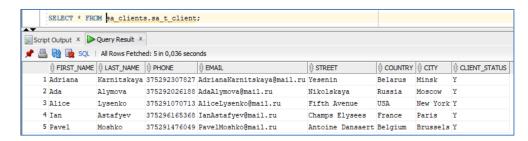
Script Output X

Seript Output Out
```

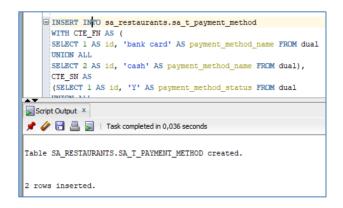


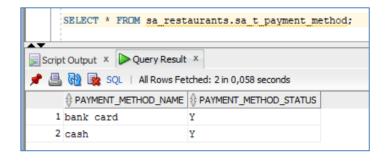
3) Generate test data for the table sa_t_client





4) Generate test data for the table sa_t_payment_method





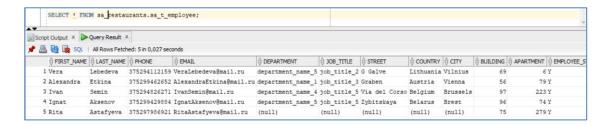
5) Generate test data for the table sa_t_gen_period



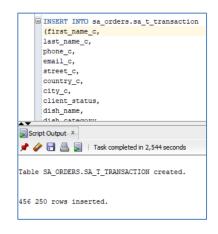


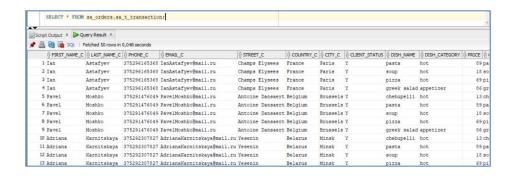
6) Generate test data for the table sa_t_employee





7) Generate test data for the table sa_t_transaction





Task 3 - Create Group by Plan

