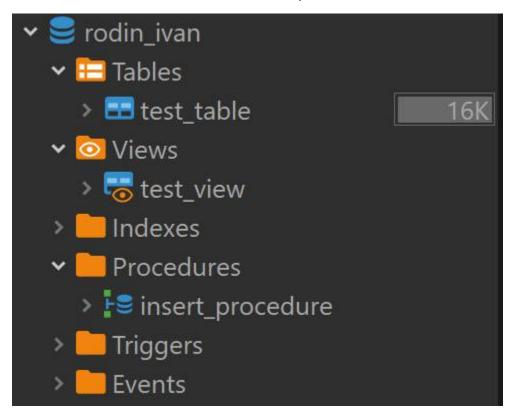
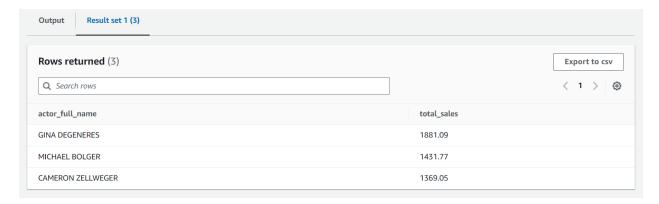
Established connection, created table, view and procedure:



Script can be found in SQL_Scripts/AWS_Task_4_1.sql

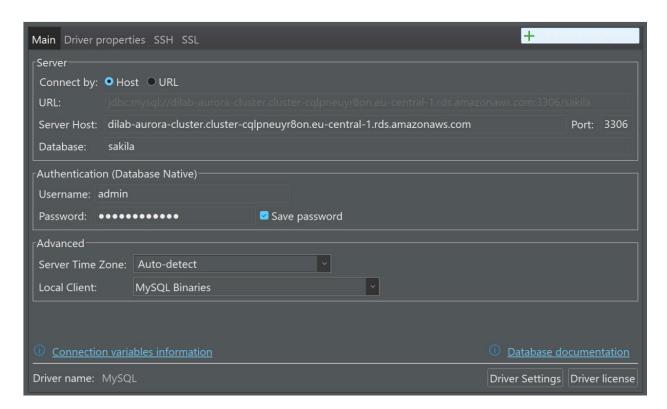
Query to find top 3 actors by income for 1st store:



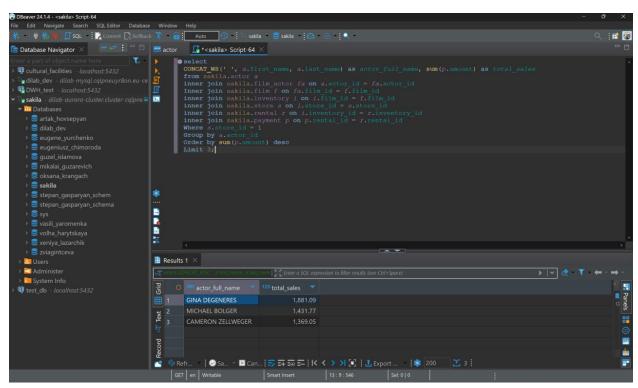


Launched EC2 instance, used it as SSH tunnel to connect to Aurora:



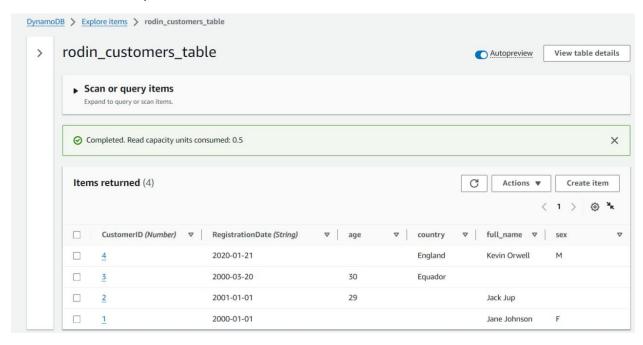


Same query and same results now in Dbeaver:



We can't connect directly because Aurora operates in VPC (Virtual Private Cloud) and has no public IP.

Created table manually:



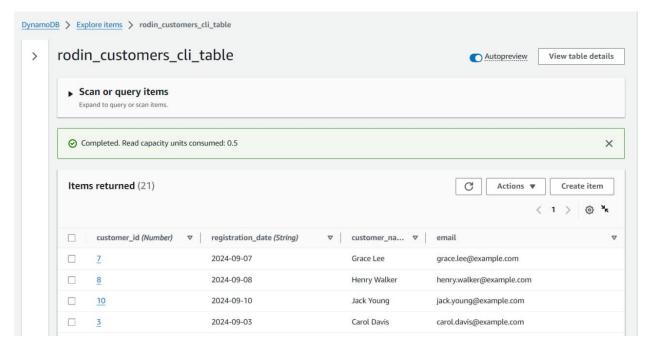
Created table using AWS CLI:

All further CLI tasks were made using batch json files.

You can find them in JSON_Batch/<name_of_file>.

Inserted with 21 rows:

PS C:\Users\ivanr\OneDrive\Pa6oчий стол\SW Courses\EPAM DAE 2024\4.AWS\AWS_Task_4> aws dynamodb batch-write-item --request-items file://batch_dynamodb_21row s.json --region eu-central-1 --profile students-role



Retrieved 6 rows:

```
PS C:\Usems\ivann\OneOrive\PaGovin\ cron\SW Courses\EPAM DAE 2024\4.AWS\AWS_Task_4> aws dynamodb batch-get-item --request-items file://batch_get_Grows.json --region eu-central-1 --profile students-role

CUSTOMER_NAME Frank Brown

EMAIL Frank brown@example.com

REGISTRATION_DATE 2024-09-06

CUSTOMER_NAME Bob Johnson

EMAIL bob.johnson@example.com

REGISTRATION_DATE 2024-09-02

CUSTOMER_NAME Alice Smith

EMAIL alice.smith@example.com

REGISTRATION_DATE 2024-09-01

CUSTOMER_NAME Alice Smith@example.com

REGISTRATION_DATE 2024-09-01

CUSTOMER_NAME Alice Smith@example.com

REGISTRATION_DATE 2024-09-03

CUSTOMER_NAME Carol Davis

EMAIL carol.davis@example.com

REGISTRATION_DATE 2024-09-03

CUSTOMER_NAME David Wilson

EMAIL david.wilson@example.com

REGISTRATION_DATE 2024-09-04

CUSTOMER_NAME David Wilson

EMAIL david.wilson@example.com

REGISTRATION_DATE 2024-09-04

CUSTOMER_NAME Ema Martinez

EMAIL emma.martinez@example.com

REGISTRATION_DATE 2024-09-05
```

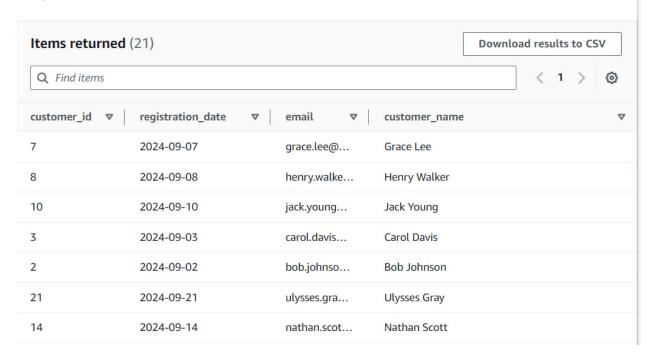
Made selects in PartiQL Editor:

select * from rodin_customers_cli_table;



Started on 06.09.2024, 20:33:54

Elapsed time 110ms



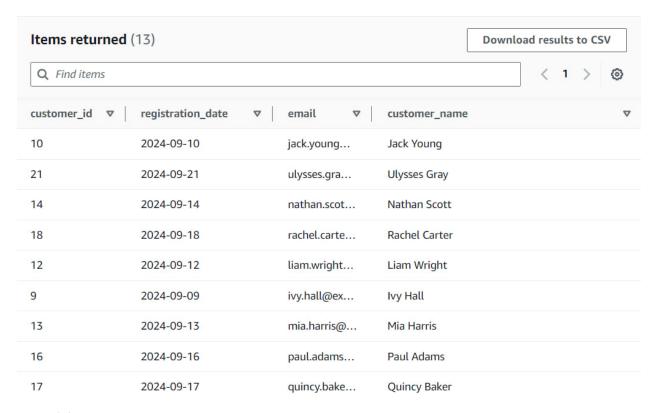
select * from rodin_customers_cli_table

where registration_date > '2024-09-08';

⊘ Completed

Started on 06.09.2024, 20:34:58

Elapsed time 88ms



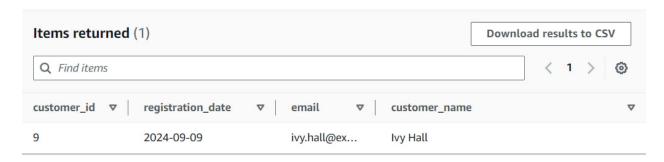
select * from rodin_customers_cli_table

where customer_name = 'Ivy Hall';

⊘ Completed

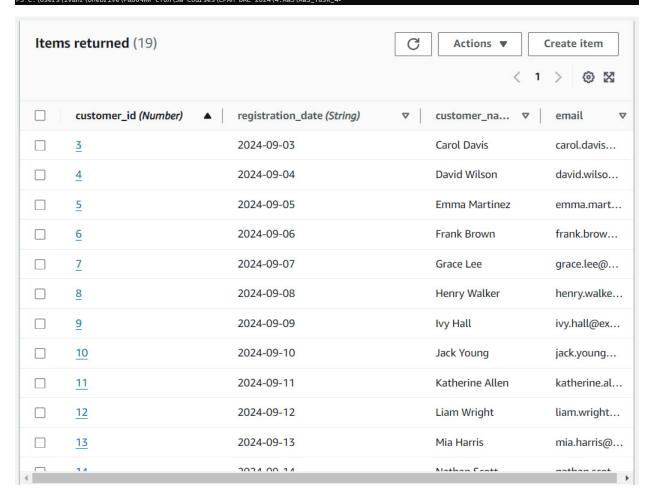
Started on 06.09.2024, 20:35:28

Elapsed time 94ms



Deleted 2 rows:

PS C:\Users\ivanr\OneDrive\Paбочий стол\SW Courses\EPAM DAE 2024\4.AWS\AWS_Task_4> aws dynamodb batch-write-item --request-items file://batch_delete_2rows.j son --region eu-central-1 --profile students-role PS C:\Users\ivanr\OneDrive\Paбочий стол\SW Courses\EPAM DAE 2024\4.AWS\AWS_Task_4>



All batch json files you can find in JSON_Batch/<name_of_file>.