

ASSIGNMENT-4

AMAZON REDSHIFT

Amazon Redshift Serverless

Serverless dashboard [info](#)

[Refresh](#) [Query data](#) [Create workgroup](#)

Namespace overview [info](#)

Namespace data from your account

Filter namespace
All namespaces ▼

Total snapshots
0

Datashares in my account
0

Datashares requiring authorization
0

Datashares from other accounts
0

Datashares requiring association
0

Namespaces / Workgroups [info](#)

Namespace	Status	Workgroup	Status	Average query duration	Average number of queries run daily
No data available No namespaces or workgroups have been created					

Queries metrics

Workgroup metrics from your account

[Refresh](#) [No workgroups](#) [Last hour](#) [All running and queued queries](#) [View details](#)

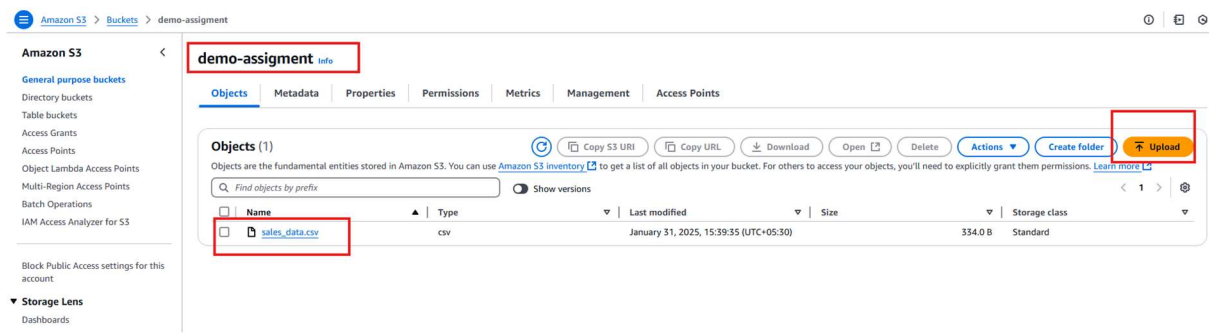
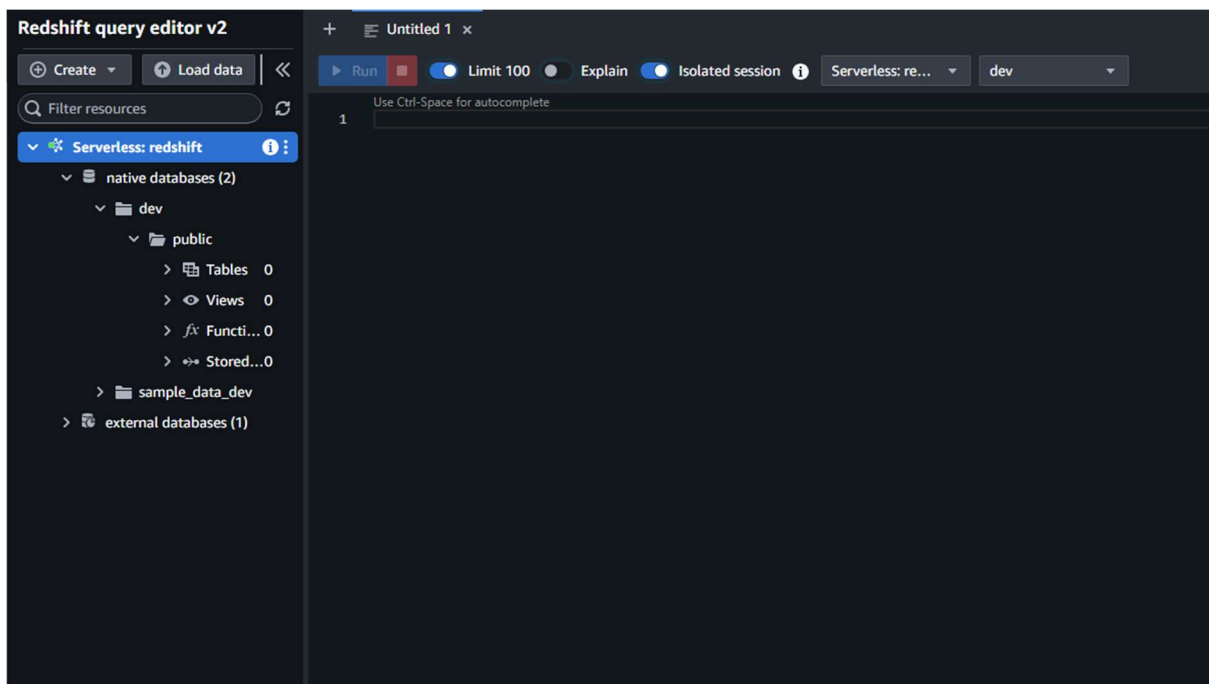
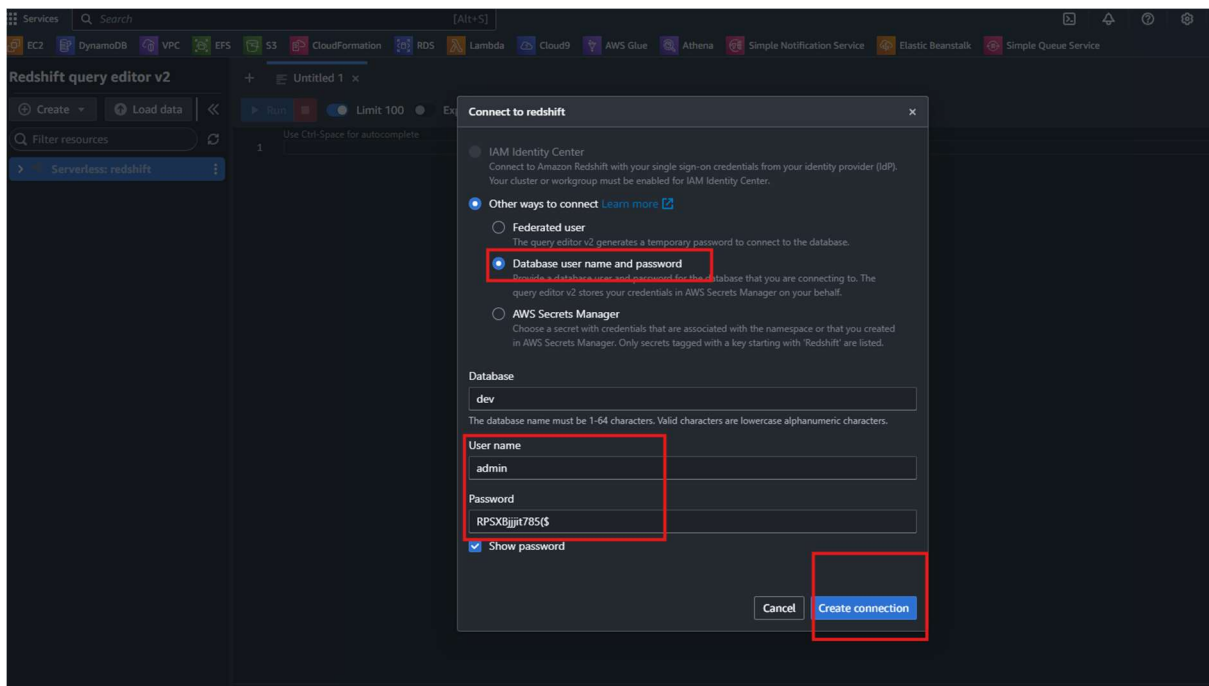
Total compute usage - new [info](#)

[Choose a workgroup](#) [Last hour](#)

To visualize the costs of your total compute usage, go to [AWS Cost Explorer](#)

Total consumed RPU hours
--

Retrieving a workgroup's total compute usage uses the workgroup's compute capacity, and might incur associated costs.



Create table

Cluster or workgroup

Database

Schema

Table

Serverless: red...

dev

No selection.

Columns

Table details

Infer schema from file

+ Add column

Column name	Data type	Encoding	
id	INTEGER	No selection	
product	INTEGER	No selection	
quantity	INTEGER	No selection	
price	INTEGER	No selection	
sale_date	INTEGER	No selection	

Column options

Default value

☐ Custom

☐ Empty string

☐ NULL

☒ No default value

☒ Not NULL

☐ Automatically increment

Size

☐ Primary key

☐ Unique key

Cancel

Clear

Open query in editor

Create table

Redshift query editor v2

a table is created successfully.

Create

Load data

Filter resources

Serverless: redshift

native databases (2)

dev

public

Tables

1

a

Views

Functions

1

Field

Type

NL

CMP

id

integer

NULL

az64

product

character varying(256)

NULL

lzo

quantity

integer

NULL

az64

price

real

NULL

none

sale_date

date

NULL

az64

Run

Limit 100

Explain

Isolated session

1

SELECT * FROM "dev"."public"."1";

Redshift query editor v2

Filter resources

Serverless: redshift

native databases (2)

dev

public

Tables 4

1

a

r..

r..

rabi

Field	Type	NL
id	integer	NULL
product	character varying(256)	NULL
quantity	integer	NULL
price	real	NULL
sale_date	date	NULL

Result 1

Summary

Returned rows: 0

Elapsed time: 909ms

Result set query:

```
/* RQEV2-ct5wajlqc4 */
COPY dev.public."1" FROM 's3://demo-assignment/sales_data.csv' IAM_ROLE 'arn:aws:iam::851725178629:role/service-role/AmazonRedshift-CommandsAccessRole-2925813111527'
```

Redshift query editor v2

Filter resources

Serverless: redshift

native databases (2)

dev

public

Tables 4

1

a

r..

r..

1

Field	Type	NL
id	integer	NULL
product	character varying(256)	NULL
quantity	integer	NULL
price	real	NULL
sale_date	date	NULL

Result 1 (20)

id	product	quantity	price	sale_date
1	Laptop	2	1200.5	2024-01-01
2	Mouse	5	25	2024-01-02
3	Keyboard	3	45.99	2024-01-03
4	Monitor	1	250	2024-01-04
5	Printer	2	150.75	2024-01-05
6	Headphones	4	80.99	2024-01-06
7	Webcam	2	60.5	2024-01-07
8	USB Drive	10	15.99	2024-01-08
9	External HDD	3	110	2024-01-09
10	Router	1	89.99	2024-01-10
1	Laptop	2	1200.5	2024-01-01