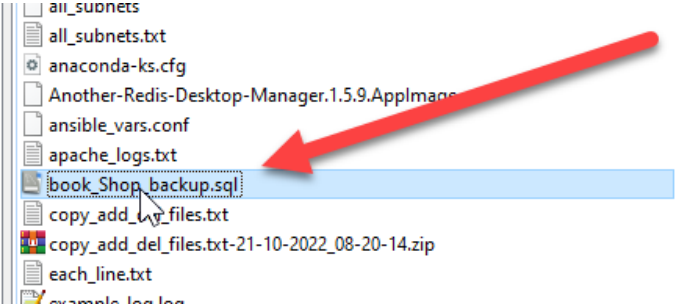


## PART 2

### 10. Make backup of your database

#### 10.1 `mysqldump -uroot -p book_Shop > book_Shop_backup.sql`

```
[root@k8s-01-master ~]#  
[root@k8s-01-master ~]#  
[root@k8s-01-master ~]# mysqldump -uroot -p book_Shop > book_Shop_backup.sql  
Enter password:  
[root@k8s-01-master ~]#
```



all_subnets	2 KB	19.10.2022 12:10:30	rw-r--r--	root
all_subnets.txt	2 KB	19.10.2022 16:36:20	rw-r--r--	root
anaconda-ks.cfg	2 KB	30.07.2022 22:55:46	rw-----	root
Another-Redis-Desktop-Manager.1.5.9.Applmanc	82 087 KB	08.10.2022 4:32:08	rwxt-xr-x	root
ansible_vars.conf	1 KB	10.08.2022 23:41:08	rw-r--r--	root
apache_logs.txt	31 KB	07.10.2022 21:13:23	rw-r--r--	root
book_Shop_backup.sql	4 KB	26.10.2022 22:40:59	rw-r--r--	root
copy_add_files.txt	2 KB	25.10.2022 16:14:01	rw-r--r--	root
copy_add_del_files.txt-21-10-2022_08-20-14.zip	1 KB	21.10.2022 20:20:20	rw-r--r--	root
each_line.txt	1 KB	21.10.2022 23:44:01	rw-r--r--	root
example_logs	275 KB	13.10.2022 21:21:30	rw-r--r--	root

### 11. Delete the table and/or part of the data in the table.

```
mysql> use book_Shop;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql> show tables in book_Shop;  
+-----+  
| Tables_in_book_Shop |  
+-----+  
| authors              |  
| books                |  
| prices               |  
+-----+  
3 rows in set (0.00 sec)
```

`mysql> drop table prices;`

Query OK, 0 rows affected (0.03 sec)

```
mysql> show tables in book_Shop;  
+-----+  
| Tables_in_book_Shop |  
+-----+  
| authors              |  
| books                |  
+-----+  
2 rows in set (0.00 sec)  
  
mysql>
```

12.Restore your database.

# mysql -uroot -p123QWEasd! book\_Shop < book\_Shop\_backup.sql

```
Database changed
mysql> show tables in book_Shop;
+-----+
| Tables_in_book_Shop |
+-----+
| authors              |
| books                |
+-----+
2 rows in set (0.00 sec)

mysql> exit
Bye
[root@k8s-01-master ~]# mysqlimport -uroot -p123QWEasd! -d book Shop < book Shop backup.sql^C
[root@k8s-01-master ~]# mysql -uroot -p123QWEasd! book Shop < book Shop backup.sql
mysql: [Warning] Using a password on the command line interface can be insecure.
[root@k8s-01-master ~]# mysql -uroot -p123QWEasd!
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 18
Server version: 8.0.31 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use book_Shop;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tables in book_Shop;
+-----+
| Tables_in_book_Shop |
+-----+
| authors              |
| books                |
| prices               |
+-----+
3 rows in set (0.00 sec)

mysql> █
```

## 13. Transfer your local database to RDS AWS

In my case AZURE

### Create Azure Sql DB Server

← → ↻

portal.azure.com/#view/SqlAzureExtension/SharedCreateServer/isNewServer~/true/subscriptionId/b

Microsoft Azure

Upgrade

Search

[Home](#) > [Create SQL Database](#) >

## Create SQL Database Server

Microsoft

### Server details

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name \*

server456 ✓  
.database.windows.net

Location \*

(US) East US ▼

### Authentication

Select your preferred authentication methods for accessing this server. Create a server admin login and password to access your server with SQL authentication, select only Azure AD authentication [Learn more](#) using an existing Azure AD user, group, or application as Azure AD admin [Learn more](#), or select both SQL and Azure AD authentication.

Authentication method

☐ Use only Azure Active Directory (Azure AD) authentication

☐ Use both SQL and Azure AD authentication

☒ Use SQL authentication

Server admin login \*

nik ✓

Password \*

..... [Redacted] ✓

Confirm password \*

..... [Redacted] ✓

portal.azure.com/#create/Microsoft.SQLDatabase

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Home >

Create SQL Database

Microsoft

BasicsNetworkingSecurityAdditional settingsTagsReview + create

Create a SQL database with your preferred configurations. Complete the Basics tab then go to Review + Create to provision with smart defaults, or visit each tab to customize. [Learn more](#)

Did you know that new users in Azure can create a free Azure SQL Database and use it for 12 months using Azure free account? [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \* ⓘ

Azure subscription 1

Resource group \* ⓘ

epam\_test

Create new

Database details

Enter required settings for this database, including picking a logical server and configuring the compute and storage resources

Database name \*

book\_Shop\_backup

Server \* ⓘ

(new) server456 (East US)

Create new

Want to use SQL elastic pool? ⓘ

Yes

No

Compute + storage \* ⓘ

Standard S0

10 DTUs, 250 GB storage

Configure database

Backup storage redundancy

Choose how your PITR and LTR backups are replicated. Geo restore or ability to recover from regional outage is only available when geo-redundant storage is selected.

Backup storage redundancy ⓘ

Locally-redundant backup storage

Zone-redundant backup storage

Geo-redundant backup storage

Selected value for backup storage redundancy is Geo-redundant backup storage. Database backups will be geo-replicated which might impact your data residency requirements. [Learn more](#)

Cost summary

Standard (S0)

Cost per DTU (in USD)

1.47

DTUs selected

x 10

ESTIMATED COST / MONTH

14.72 usd

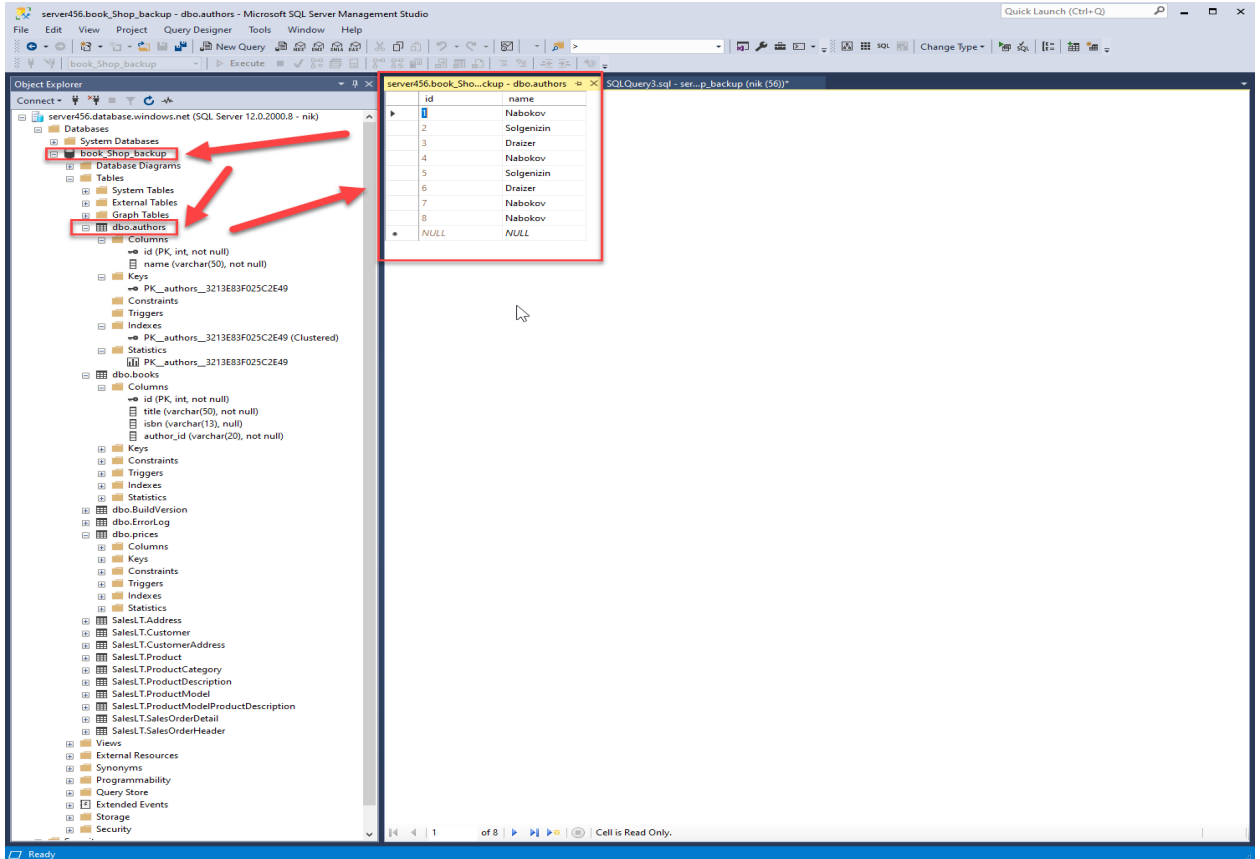
Review + create

Next : Networking >

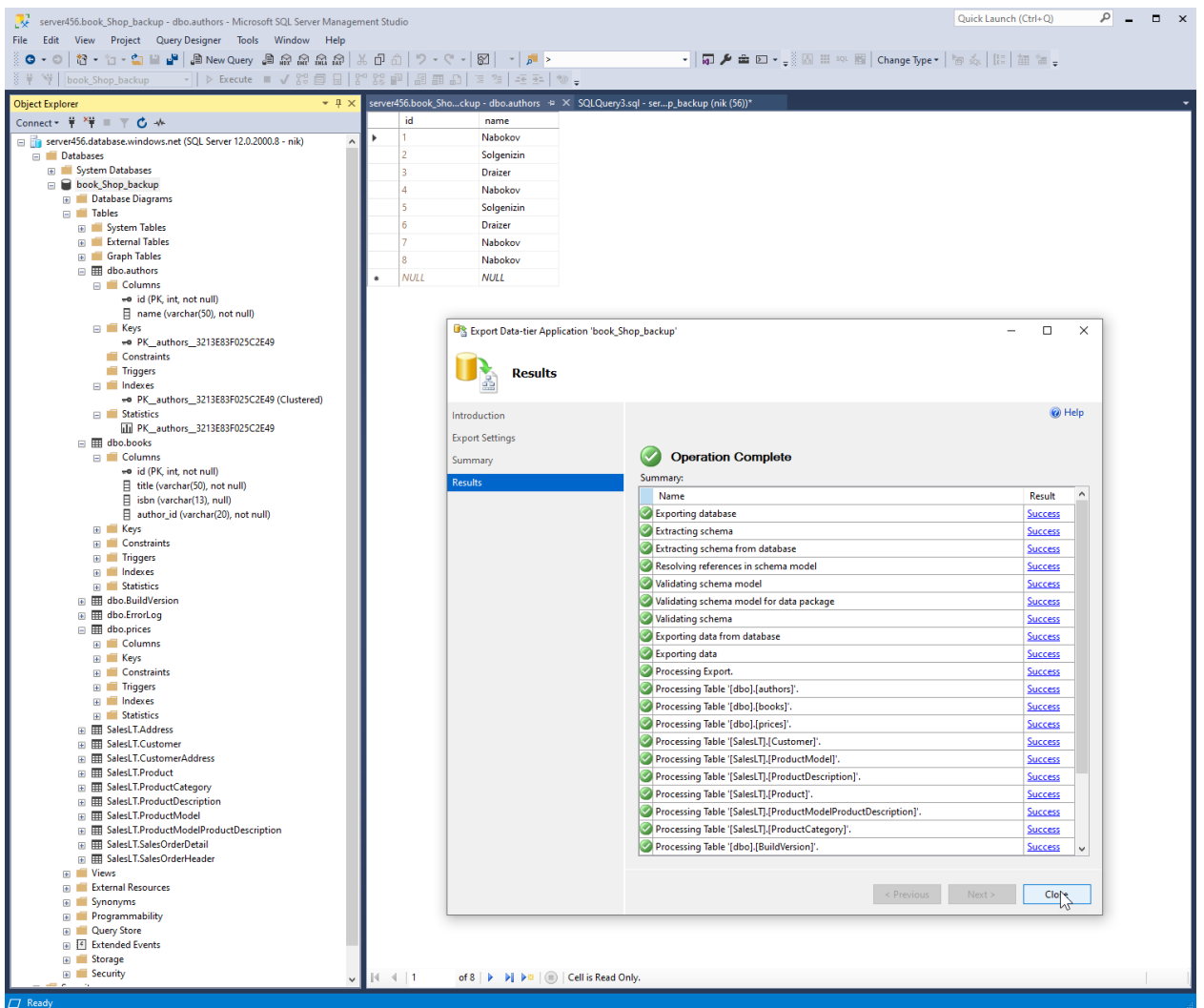
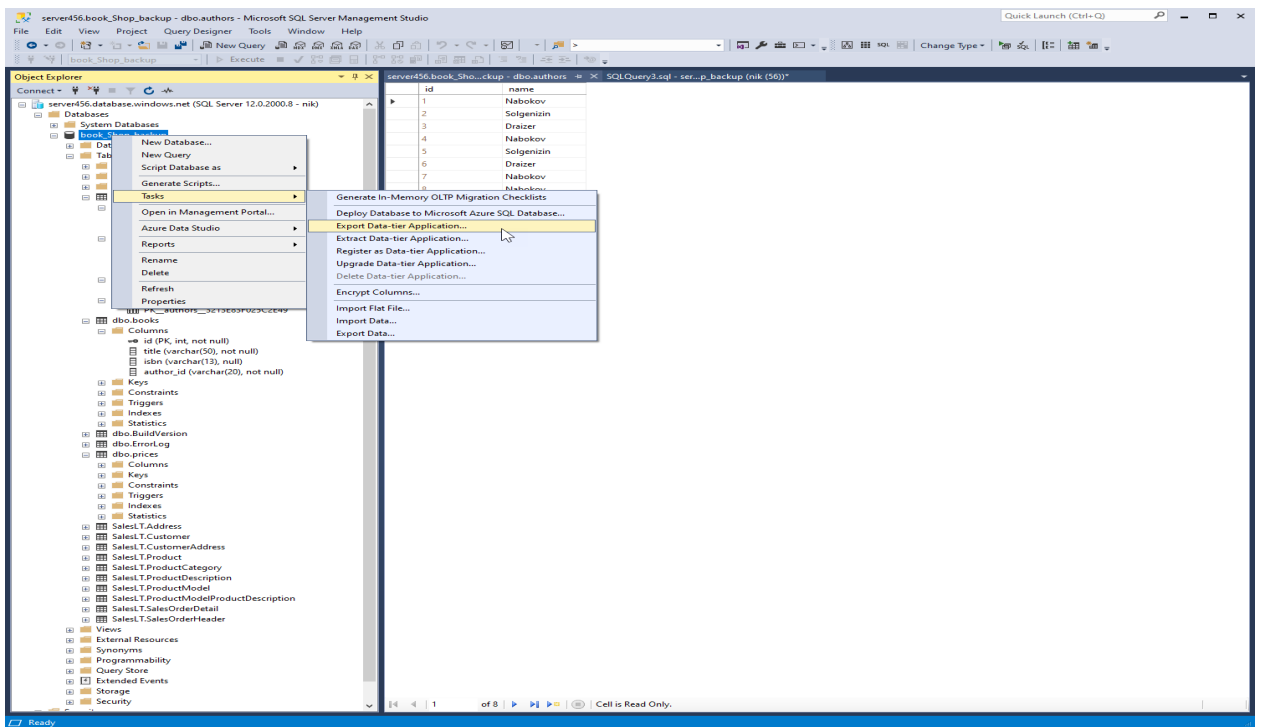
Connect to your database.

I used sql management studio

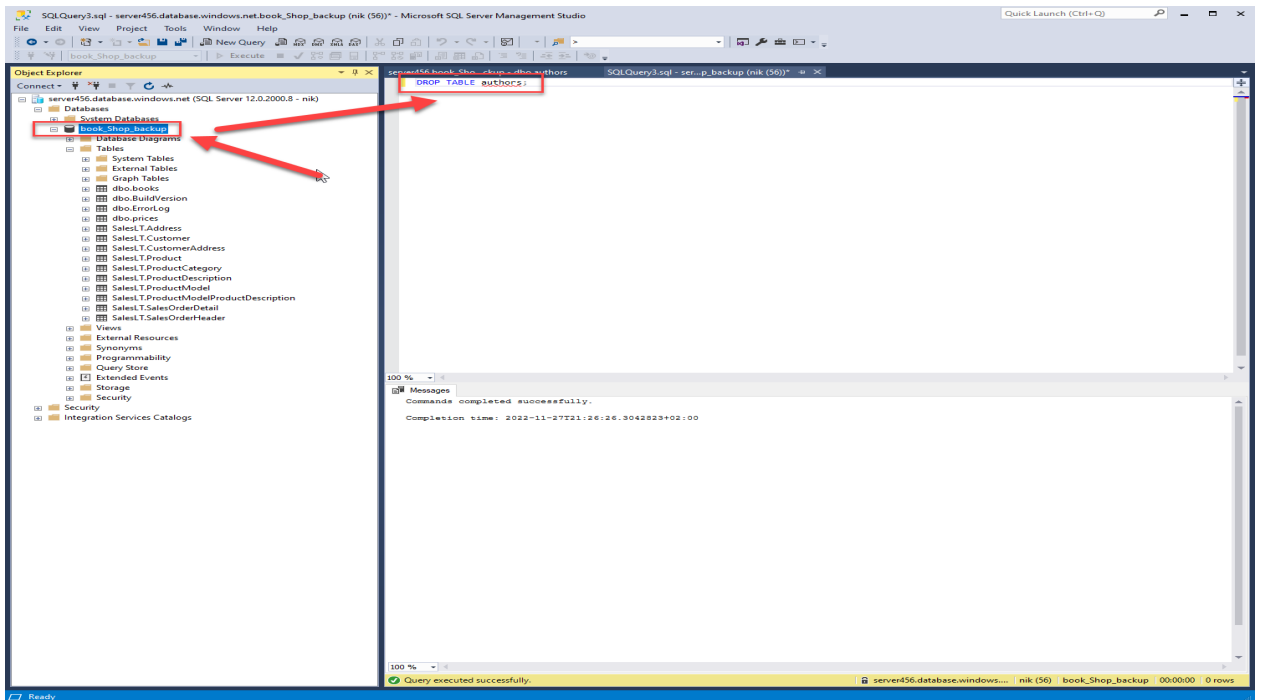
Create tables and fullfill the table



Have done back up



## Delete the table authors



## Restore the Data Base

