

## **TASK 1 (DATABASE TO CSV)**

Database used: **MS SQL Server**

There are two methods from copying data from a database to CSV file format:

### **1. Using SSMS (SQL Server Management Studio 2022)**

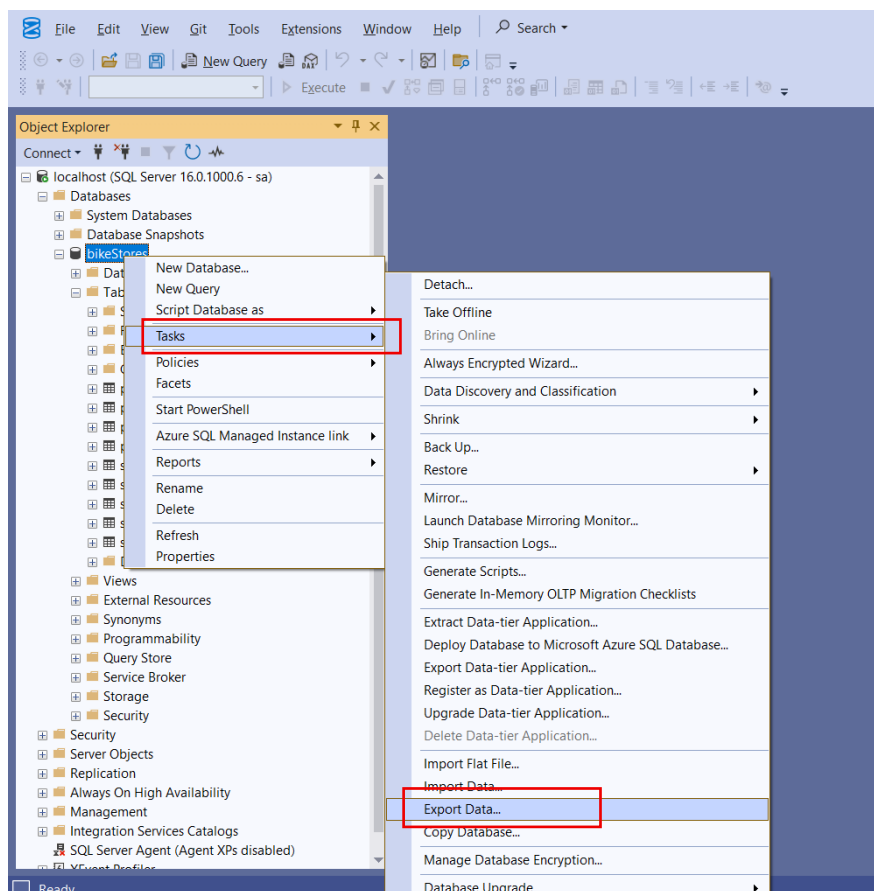
Using the SQL Server Management Studio 2022, steps to be taken:

**Steps:**

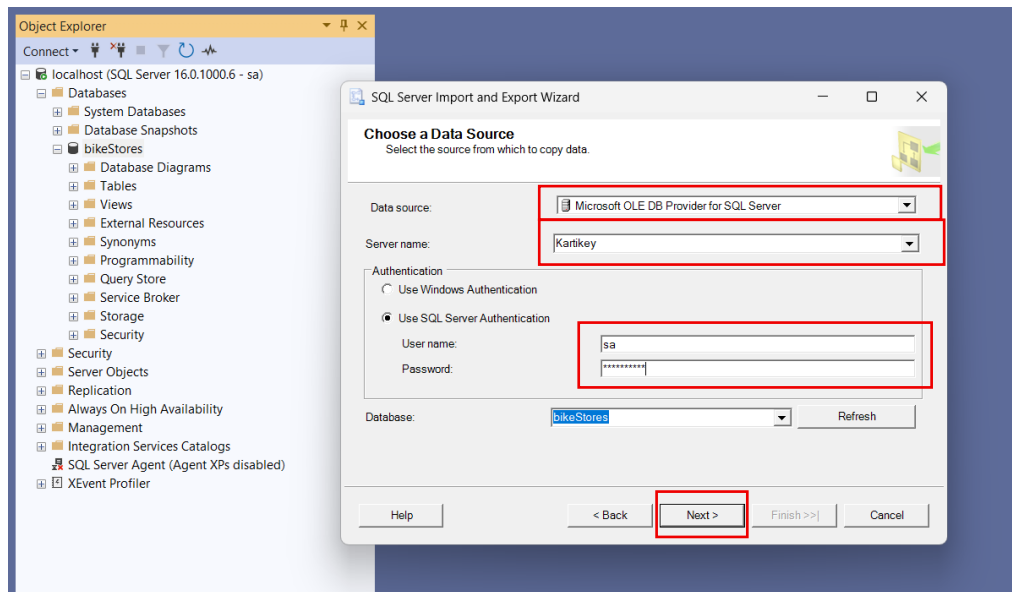
1. Right-click the database → Tasks → Export Data...
2. Choose source: SQL Server.
3. Destination: Flat File Destination
4. Set file name with .csv extension.
5. Choose table or write a query.
6. Finish the wizard.

**Resource Used:** <https://learn.microsoft.com/en-us/sql/integration-services/import-export-data/import-and-export-data-with-the-sql-server-import-and-export-wizard?view=sql-server-ver17>

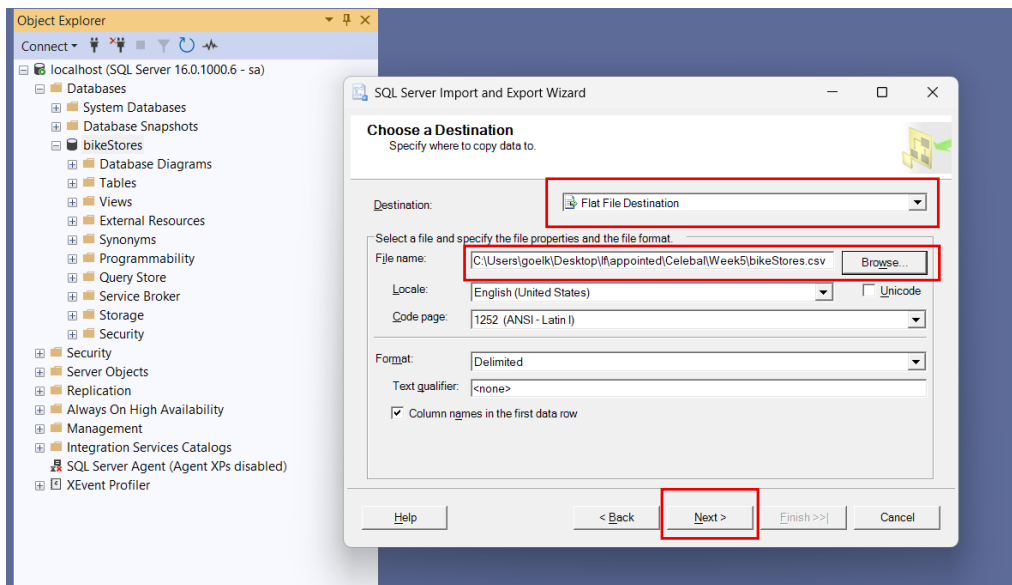
### **STEP 1:**



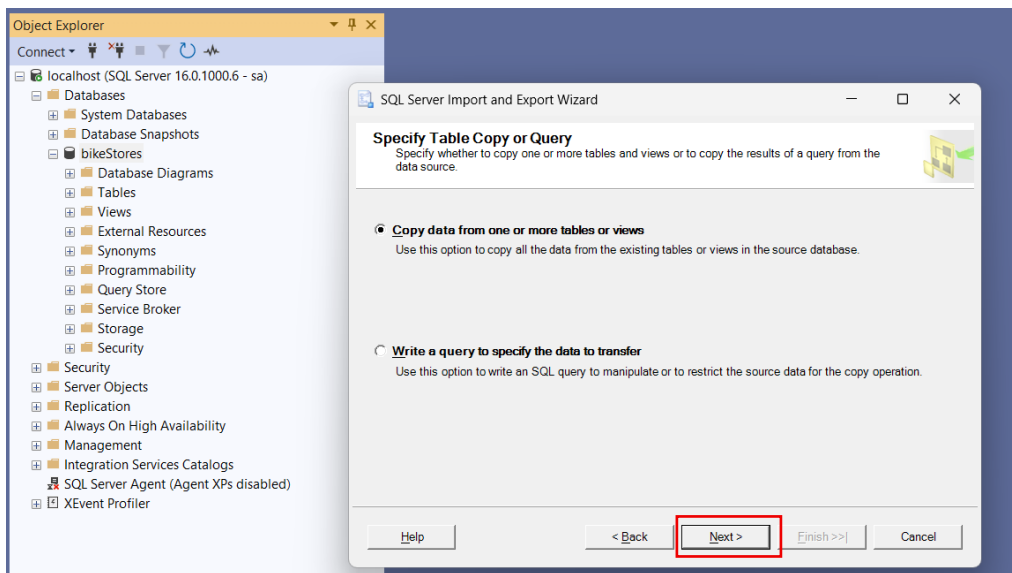
## STEP 2:



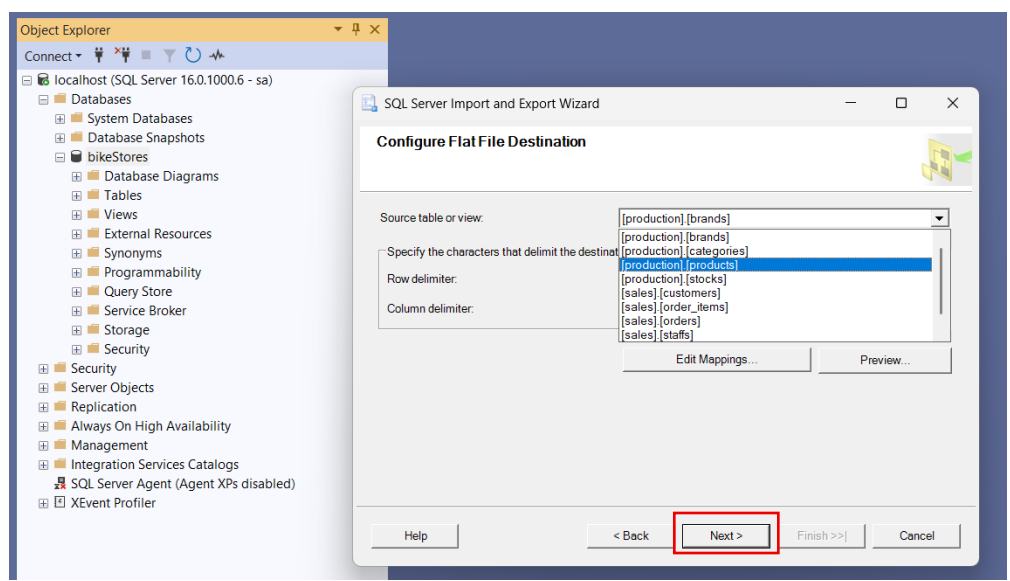
## STEP 3:



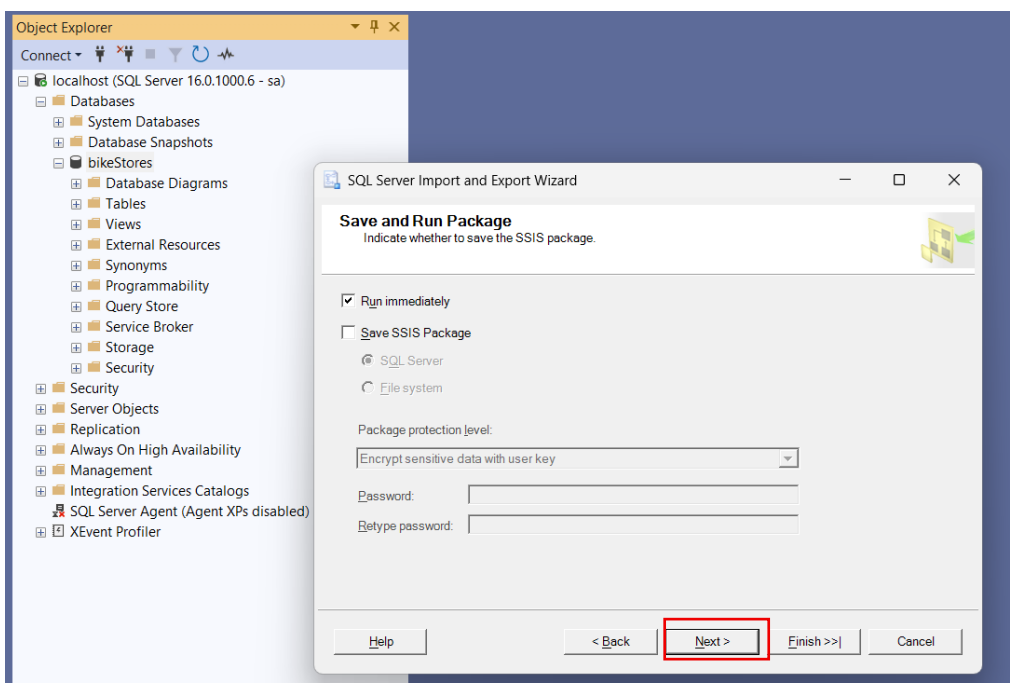
## STEP 4:



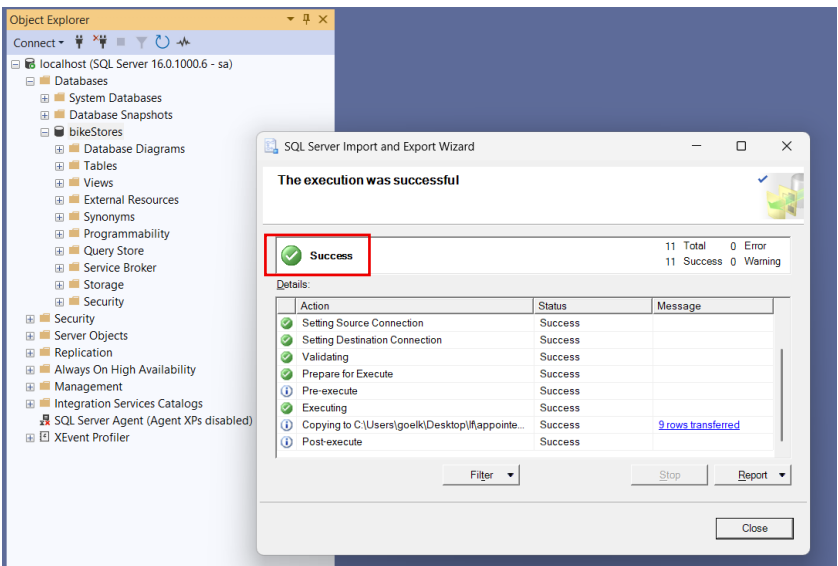
STEP 5:



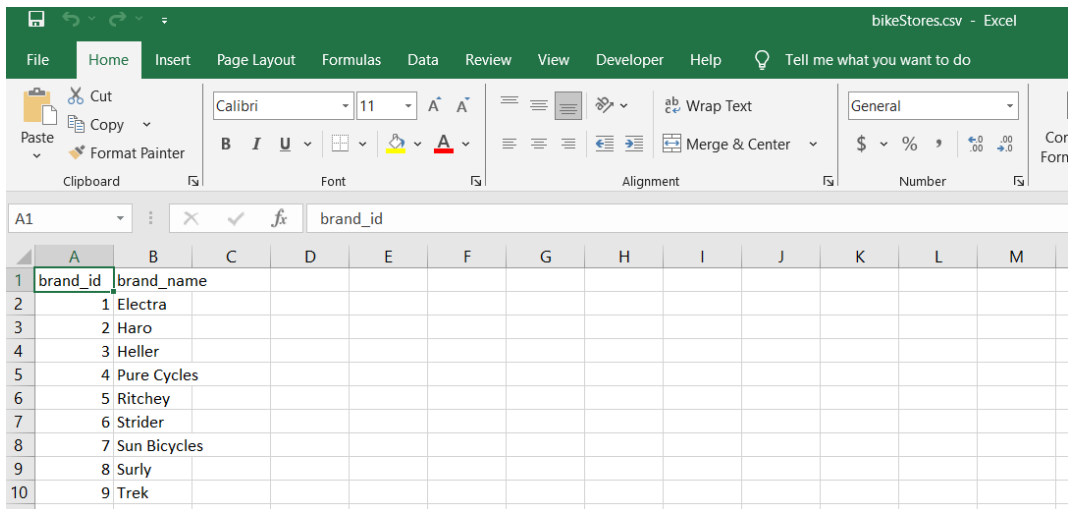
STEP 6:



STEP 7:



## OUTPUT:



brand_id	brand_name
1	Electra
2	Haro
3	Heller
4	Pure Cycles
5	Ritchey
6	Strider
7	Sun Bicycles
8	Surly
9	Trek

## 2. Bcp Utility (Command Line)

### SYNTAX:

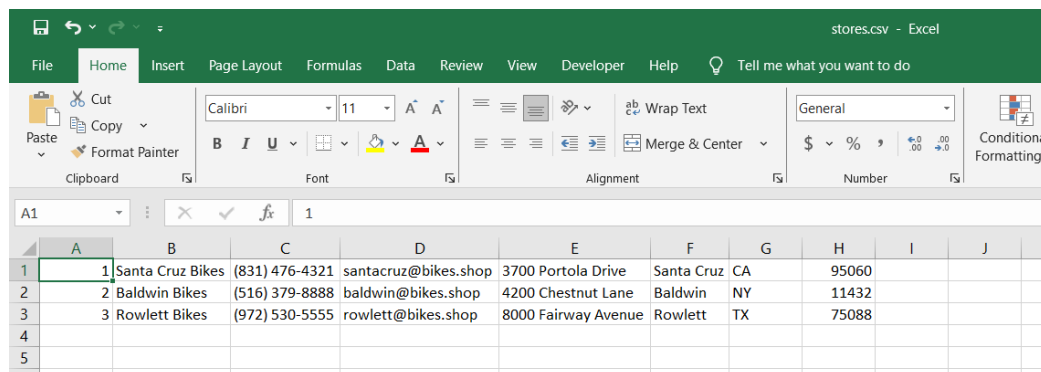
```
bcp "SELECT * FROM dbo.YourTable" queryout "C:\Data\YourFile.csv" -c -t, -S SERVERNAME -d DBNAME -U USER -P PASSWORD
```

```
C:\Users\goelk>bcp "SELECT * FROM bikeStores.sales.stores" queryout "C:\Users\goelk\Desktop\lf\appointed\Celebal\Week5\stores.csv" -c -t, -S localhost -d bikeStores -U sa -P [REDACTED]

Starting copy...

3 rows copied.
Network packet size (bytes): 4096
Clock Time (ms.) Total      : 1      Average : (3000.00 rows per sec.)
```

## OUTPUT:



	Store Name	Phone Number	Email Address	Address	City	State	Zip Code
1	Santa Cruz Bikes	(831) 476-4321	santacruz@bikes.shop	3700 Portola Drive	Santa Cruz	CA	95060
2	Baldwin Bikes	(516) 379-8888	baldwin@bikes.shop	4200 Chestnut Lane	Baldwin	NY	11432
3	Rowlett Bikes	(972) 530-5555	rowlett@bikes.shop	8000 Fairway Avenue	Rowlett	TX	75088

**RESOURCE USED:** <https://learn.microsoft.com/en-us/sql/tools/bcp-utility?view=sql-server-ver17&tabs=windows>