

**bite-sized.sql**

# **SQL SERVER: 4 WAYS TO QUICKLY EXPORT TO A TEXT FILE**

# SQL Server

## Quickly export data

### 1 'SQLCMD Mode' in SQL Server Management Studio

```
--select 'SQLCMD Mode' from the 'Query' menu  
--connect to the server  
:connect .\SQLEXPRESS  
  
--define the output file  
:out C:\tmp\DimDate.txt  
  
--Result from the query is written to the file  
USE AdventureWorksDW2019;  
SELECT *  
FROM dbo.DimDate;
```

More info:



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2 At the cmd prompt with sqlcmd

```
Command Prompt
Microsoft Windows [Version 10.0.22621.1105]
(c) Microsoft Corporation. All rights reserved.

C:\Users\[redacted]>cd C:\tmp

C:\tmp>sqlcmd -S .\SQLEXPRESS -d AdventureWorksDW2019 ^
More? -Q "SELECT * FROM DimDate" -o DimDate.txt
```

sqlcmd -S SERVER -d DB -Q "query" -o filename

More info:

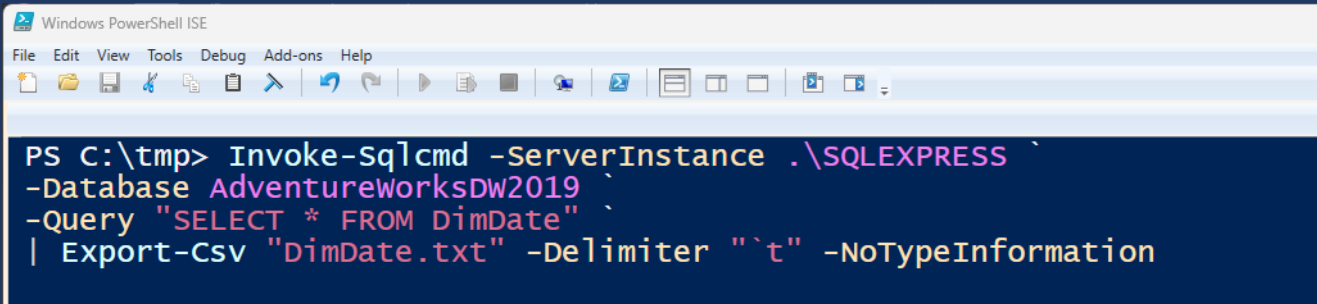


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### 3 In PowerShell with Invoke-Sqlcmd and Export-Csv



```
PS C:\tmp> Invoke-Sqlcmd -ServerInstance .\SQLEXPRESS `
-Database AdventureworksDW2019 `
-Query "SELECT * FROM DimDate" `
| Export-Csv "DimDate.txt" -Delimiter "`t" -NoTypeInfoInformation
```

```
Invoke-Sqlcmd -ServerInstance SERVER `
>> -Database DATABASE `
>> -Query "QUERY" `
>> | Export-Csv "filename" -Delimiter "`t" -NoTypeInfoInformation
```

More info:



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# SQL Server

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### 4 Using Bulk Copy (bcp) from the command line

```
Command Prompt
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\>bcp AdventureWorksDW2019.dbo.DimDate ^
More? out DimDate.txt -T -S .\SQLEXPRESS -c

Starting copy...
1000 rows successfully bulk-copied to host-file. Total received: 1000
1000 rows successfully bulk-copied to host-file. Total received: 2000
1000 rows successfully bulk-copied to host-file. Total received: 3000

3652 rows copied.
Network packet size (bytes): 4096
Clock Time (ms.) Total      : 16      Average : (228250.00 rows per sec.)
```

bcp three.part.name out filename -T -S SERVER -c

-T = trusted connection

-c = character mode export

More info:

