



# Senhores Que Lecionam

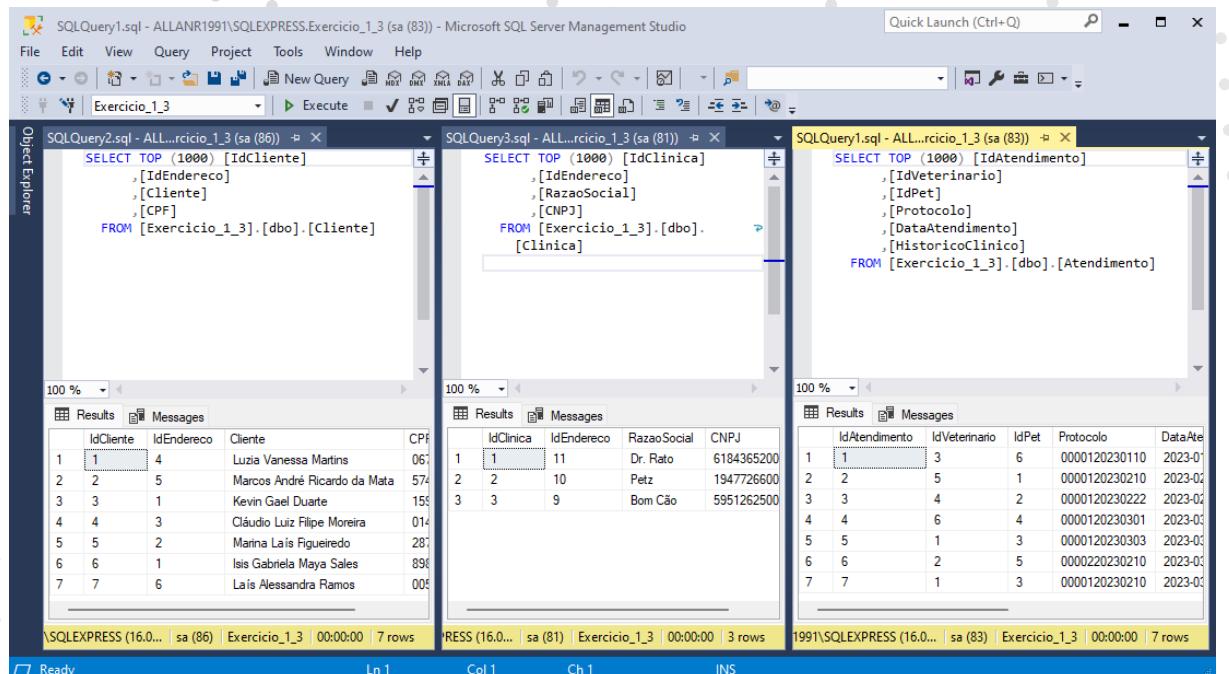


apresentam :

Como Exportar e Importar  
dados do SQLServer

Por: Allan Rodrigues, Caua, Gabriel Almeida,  
Gabriel Russo ,Pedro Henrique,Rubens Moura

# O que significa Exportar dados?

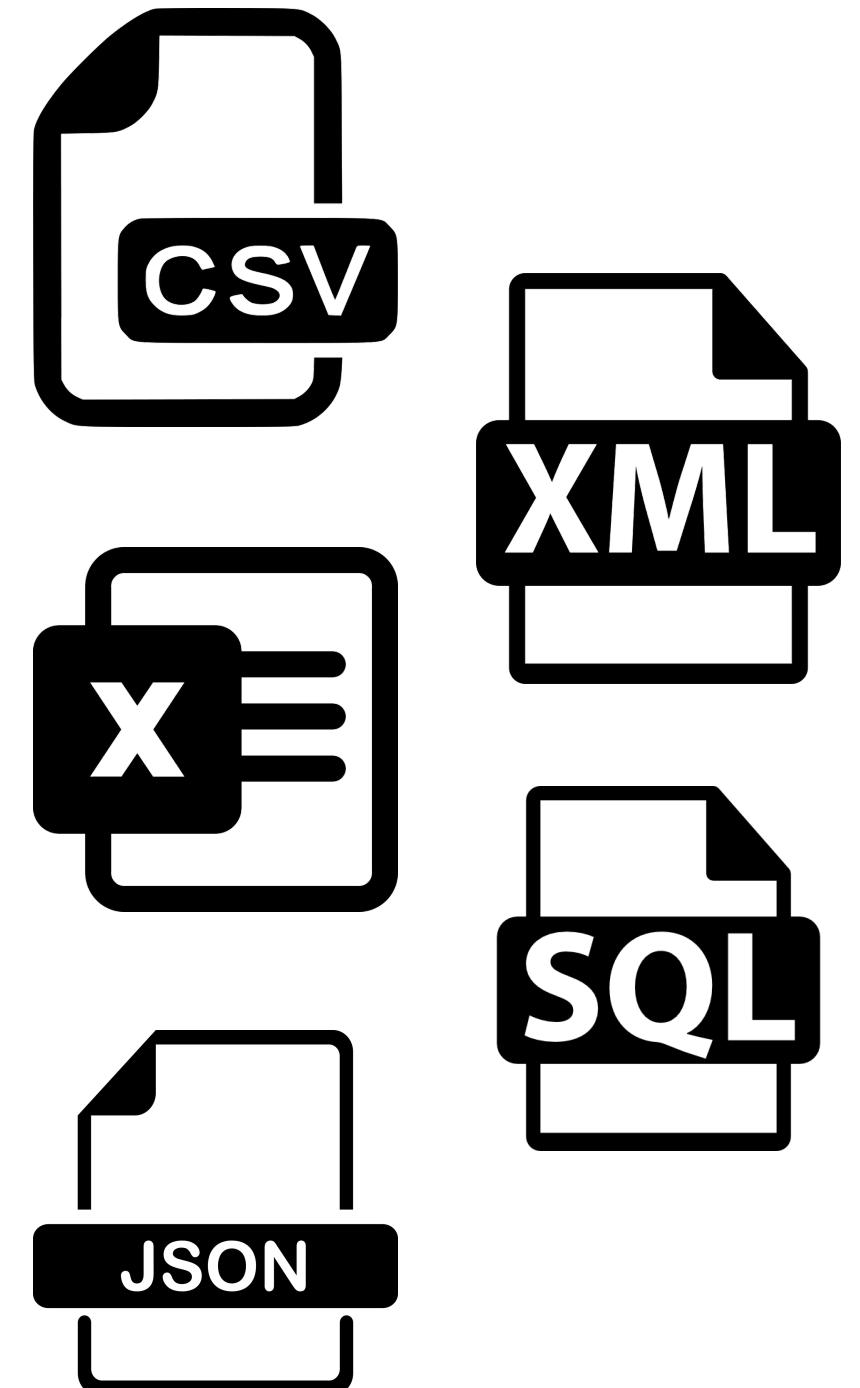
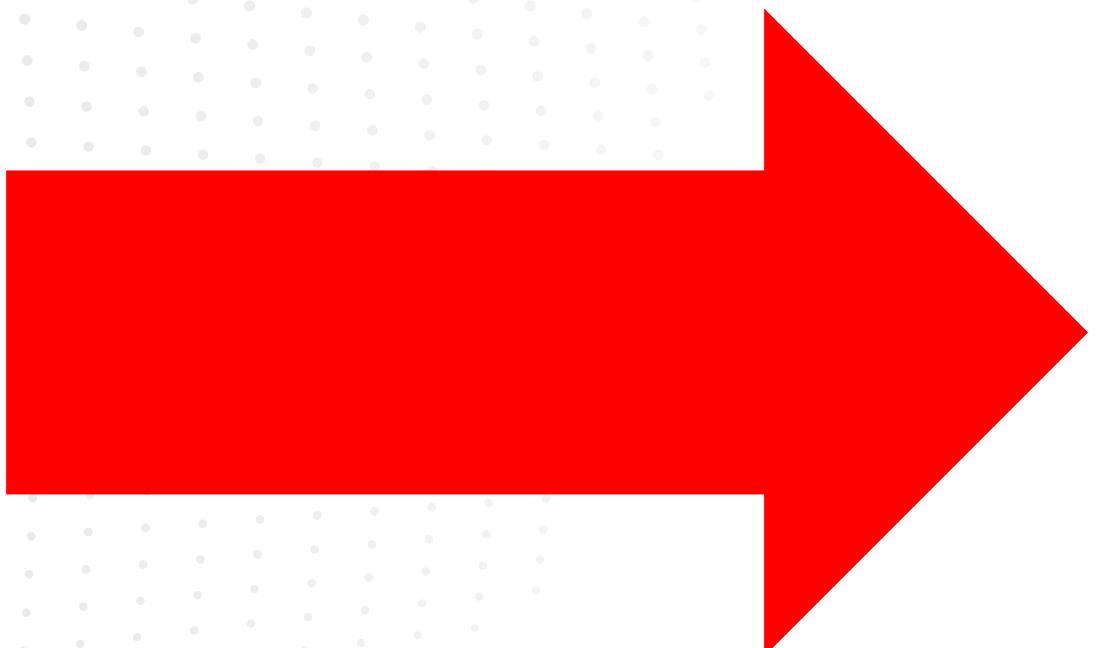


```
SQLQuery1.sql - ALLANR1991\SQLEXPRESS.Exercicio_1_3 (sa (83)) - Microsoft SQL Server Management Studio
File Edit View Query Project Tools Window Help
Quick Launch (Ctrl+Q) 
Object Explorer
SQLQuery2.sql - ALL...rcicio_1_3 (sa (86)) - X SQLQuery3.sql - ALL...rcicio_1_3 (sa (81)) - X SQLQuery1.sql - ALL...rcicio_1_3 (sa (83)) - X
SELECT TOP (1000) [IdCliente]
,[IdEndereco]
,[Cliente]
,[CPF]
FROM [Exercicio_1_3].[dbo].[Cliente]
SELECT TOP (1000) [IdClinica]
,[IdEndereco]
,[RazaoSocial]
,[CNPJ]
FROM [Exercicio_1_3].[dbo].[Clinica]
SELECT TOP (1000) [IdAtendimento]
,[IdVeterinario]
,[IdPet]
,[Protocolo]
,[DataAtendimento]
,[HistoricoClinico]
FROM [Exercicio_1_3].[dbo].[Atendimento]
```

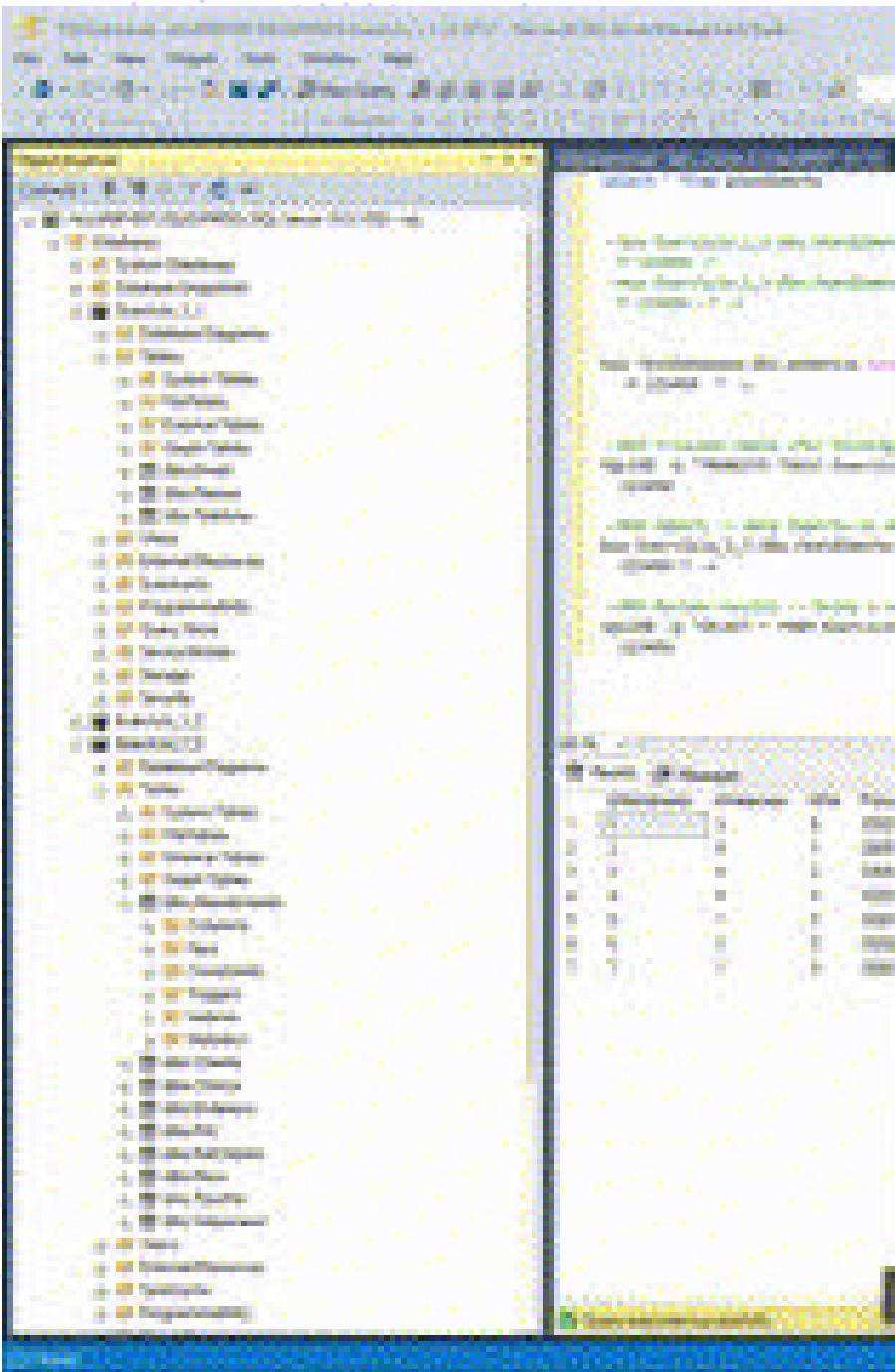
IdCliente	IdEndereco	Cliente	CPF
1	4	Luzia Vanessa Martins	067...
2	5	Marcos André Ricardo da Mata	574...
3	1	Kevin Gael Duarte	155...
4	3	Cláudio Luiz Filipe Moreira	014...
5	2	Marina Lais Rigueiredo	287...
6	1	Isis Gabriela Maya Sales	890...
7	6	Lais Alessandra Ramos	005...

IdClinica	IdEndereco	RazaoSocial	CNPJ
1	11	Dr. Rato	6184365200
2	10	Petz	1547726600
3	9	Bom Cão	5951262500

IdAtendimento	IdVeterinario	IdPet	Protocolo	DataAt
1	3	6	0000120230110	2023-0...
2	5	1	0000120230210	2023-0...
3	4	2	0000120230222	2023-0...
4	6	4	0000120230301	2023-0...
5	1	3	0000120230303	2023-0...
6	2	5	0000220230210	2023-0...
7	1	3	0000120230210	2023-0...



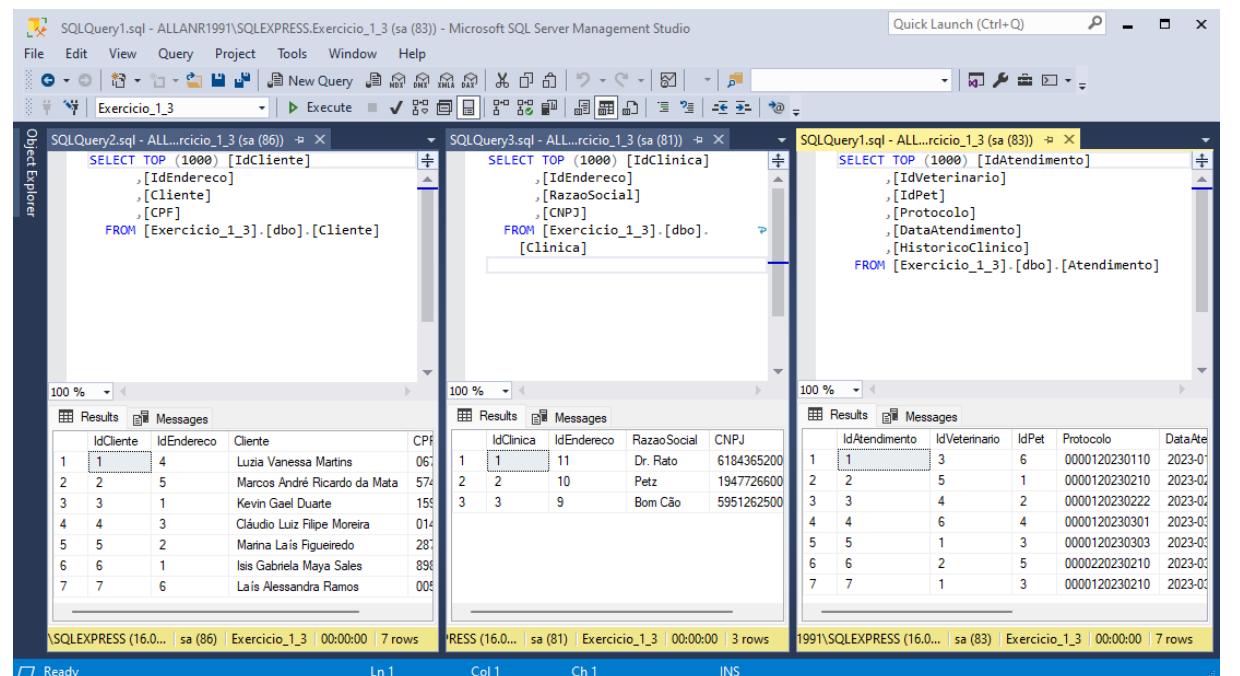
## Usando o Assistente para Exportação do SQL Server



## Usando BCP no prompt de comando

```
bcp Exercicio_1_3.dbo.Atendimento
out D:\BCP\Atendimento.txt -S
ALLANR1991\SQLEXPRESS -U SA -P
123456 -T
```

# O que significa Importar dados?



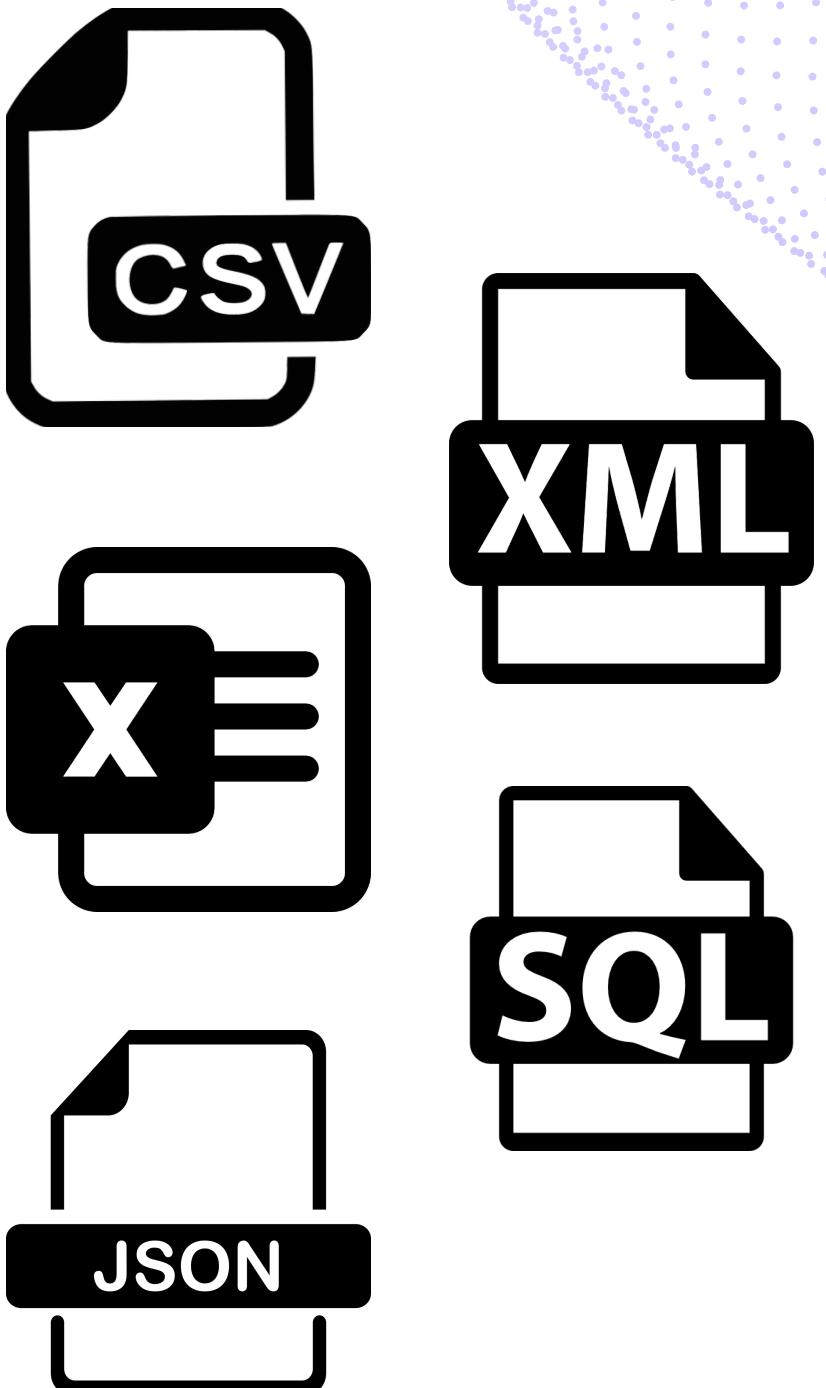
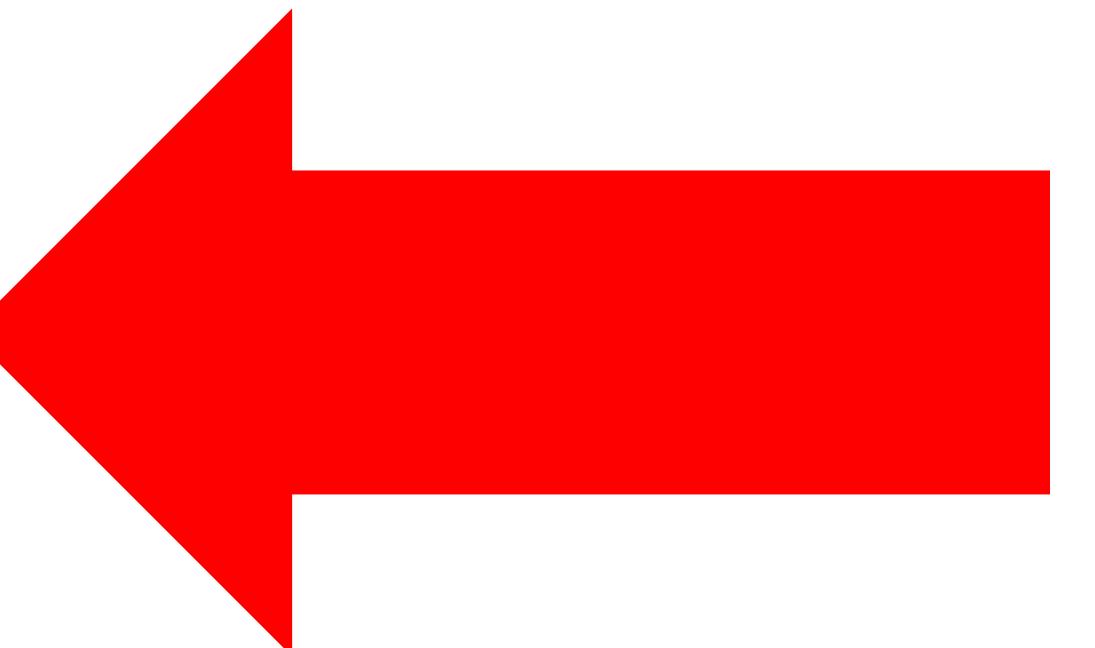
```
SQLQuery1.sql - ALLANR1991\SQLEXPRESS.Exercicio_1_3 (sa (83)) - Microsoft SQL Server Management Studio
File Edit View Query Project Tools Window Help
Quick Launch (Ctrl+Q) □ X
Object Explorer
SQLQuery2.sql - ALL...rcicio_1_3 (sa (86)) □ X SQLQuery3.sql - ALL...rcicio_1_3 (sa (81)) □ X SQLQuery1.sql - ALL...rcicio_1_3 (sa (83)) □ X
SELECT TOP (1000) [IdCliente]
,[IdEndereco]
,[Cliente]
,[CPF]
FROM [Exercicio_1_3].[dbo].[Cliente]
SELECT TOP (1000) [IdClinica]
,[IdEndereco]
,[RazaoSocial]
,[CNPJ]
FROM [Exercicio_1_3].[dbo].[Clinica]
SELECT TOP (1000) [IdAtendimento]
,[IdVeterinario]
,[IdPet]
,[Protocolo]
,[DataAtendimento]
,[HistoricoClinico]
FROM [Exercicio_1_3].[dbo].[Atendimento]

Results Messages
Results Messages
Results Messages
```

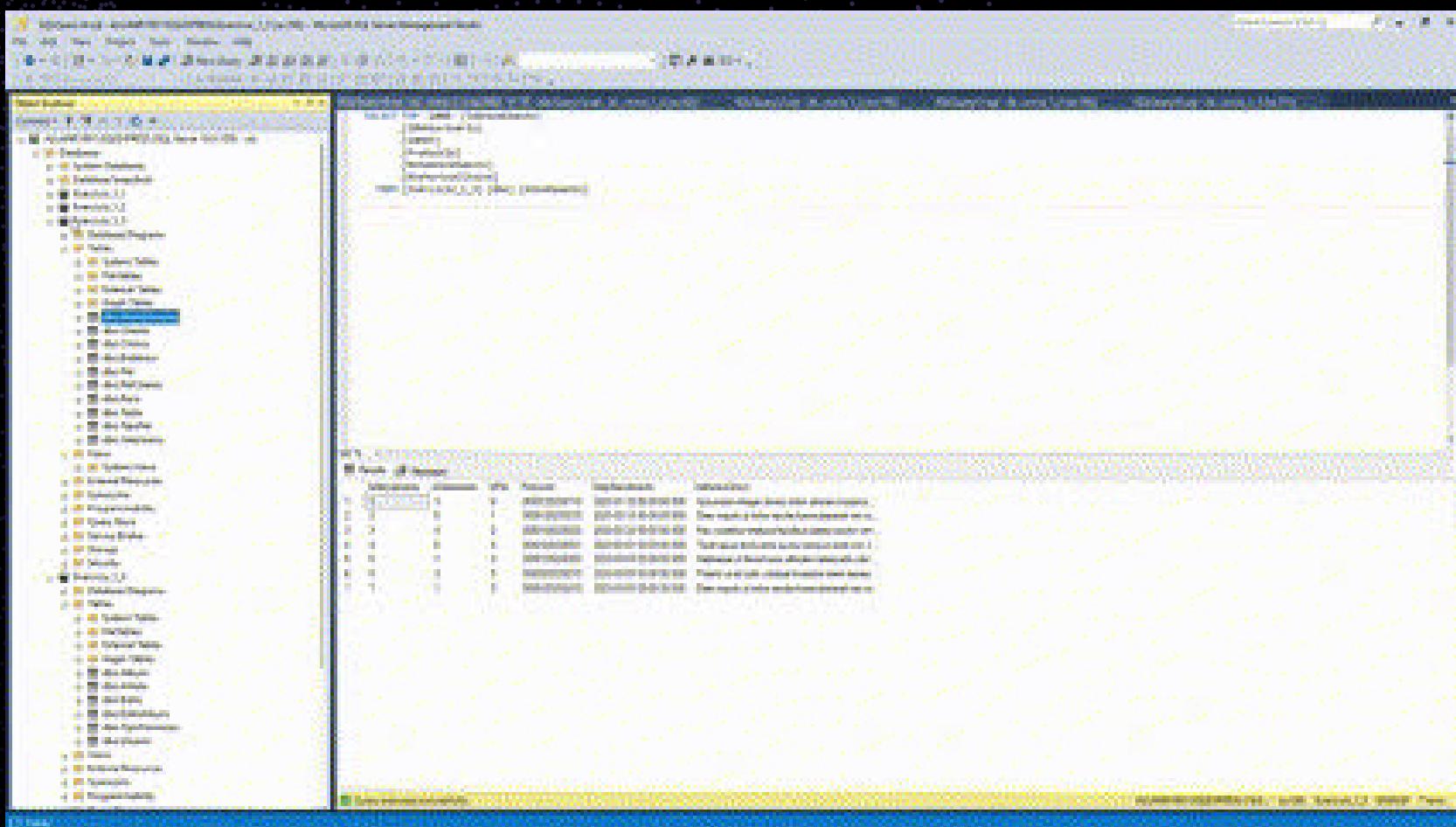
IdCliente	IdEndereco	Cliente	CPF
1	4	Luzia Vanessa Martins	067...
2	5	Marcos André Ricardo da Mata	574...
3	1	Kevin Gael Duarte	15...
4	3	Cláudio Luiz Filipe Moreira	014...
5	2	Marina Lais Figueiredo	28...
6	1	Isis Gabriela Maya Sales	89...
7	6	Lais Alessandra Ramos	00...

IdClinica	IdEndereco	RazaoSocial	CNPJ
1	11	Dr. Rato	6184365200
2	10	Petz	1547726600
3	9	Bom Cão	5951262500

IdAtendimento	IdVeterinario	IdPet	Protocolo	DataAt
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2	5	1	0000120230210	2023-0...
3	4	2	0000120230222	2023-0...
4	6	4	0000120230301	2023-0...
5	1	3	0000120230303	2023-0...
6	2	5	000020230210	2023-0...
7	1	3	0000120230210	2023-0...



## Usando o Assistente para Importar do SQL Server



## Usando BCP no prompt de comando para Importar dados

--Comando para Limpa a Tabela

```
SQLCMD -Q "TRUNCATE TABLE  
Exercicio_1_3.dbo.Atendimento;" -S ALLANR1991\SQLEXPRESS  
-U SA -P 123456
```

--Comando para Importa os dados

```
bcp Exercicio_1_3.dbo.Atendimento IN  
D:\BCP\Atendimento.txt -S ALLANR1991\SQLEXPRESS -U SA -  
P 123456-T -n
```

--Comando para exibir o select no prompt

```
SQLCMD -Q "SELECT * FROM Exercicio_1_3.dbo.Atendimento;"  
-S ALLANR1991\SQLEXPRESS -U SA -P 123456
```

# Como posso fazer uma Exportação ou importação ?

- Usando Instruções Transact-SQL
- Usando BCP no prompt de comando
- Usando Assistente Importar Arquivo Simples
- Usando **Assistente para Importação e Exportação do SQL Server**
- Criar própria importação ou exportação

É possível exportar todo o  
banco de dados ?

# Sim

Acessando a pasta onde contem o banco de dados.

C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER\MSSQL\DATA

C:\Program Files\Microsoft SQL Server\MSSQL16.SQLEXPRESS\MSSQL\DATA

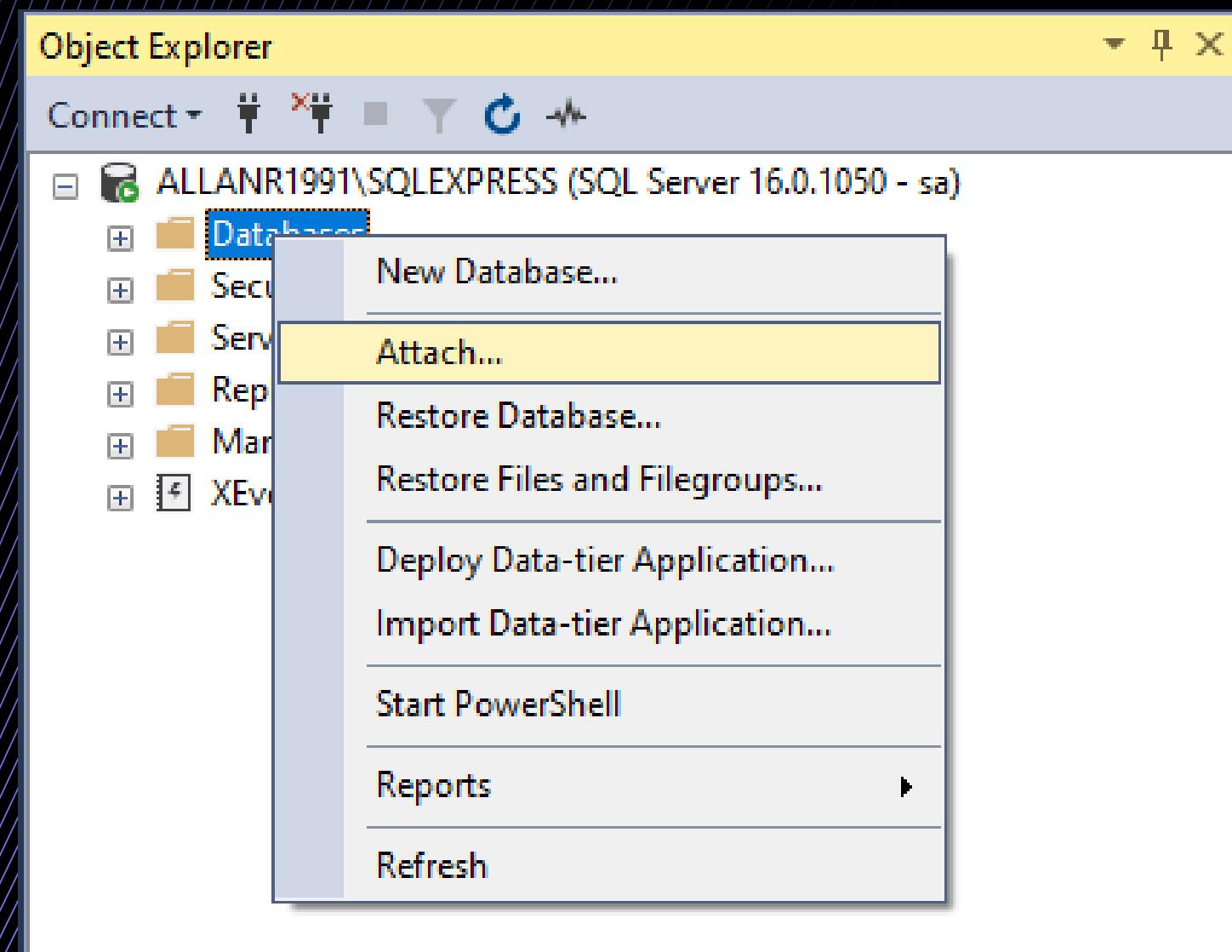
Copiar o arquivo .mdf e .ldf para um outro local / dispositivo

 Exercicio_1_2.mdf	07/08/2023 21:08	SQL Server Database...	8.192 KB
 Exercicio_1_2_log.ldf	07/08/2023 21:08	SQL Server Database...	8.192 KB

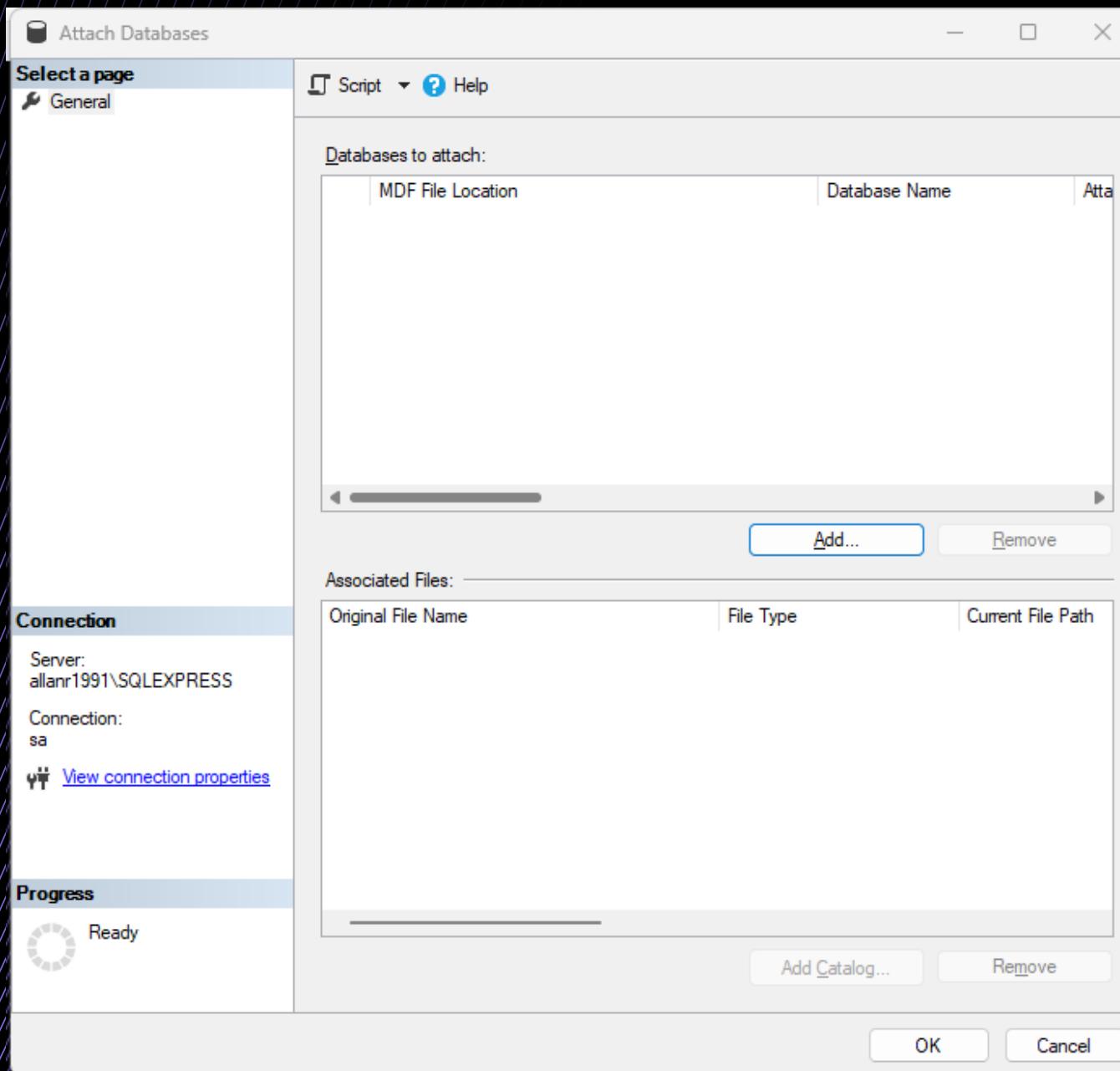
Colar os arquivo .mdf e .ldf dentro da pasta que contem o ServidorSQL

 Exercicio_1_2.mdf	07/08/2023 21:08	SQL Server Database...	8.192 KB
 Exercicio_1_2_log.ldf	07/08/2023 21:08	SQL Server Database...	8.192 KB

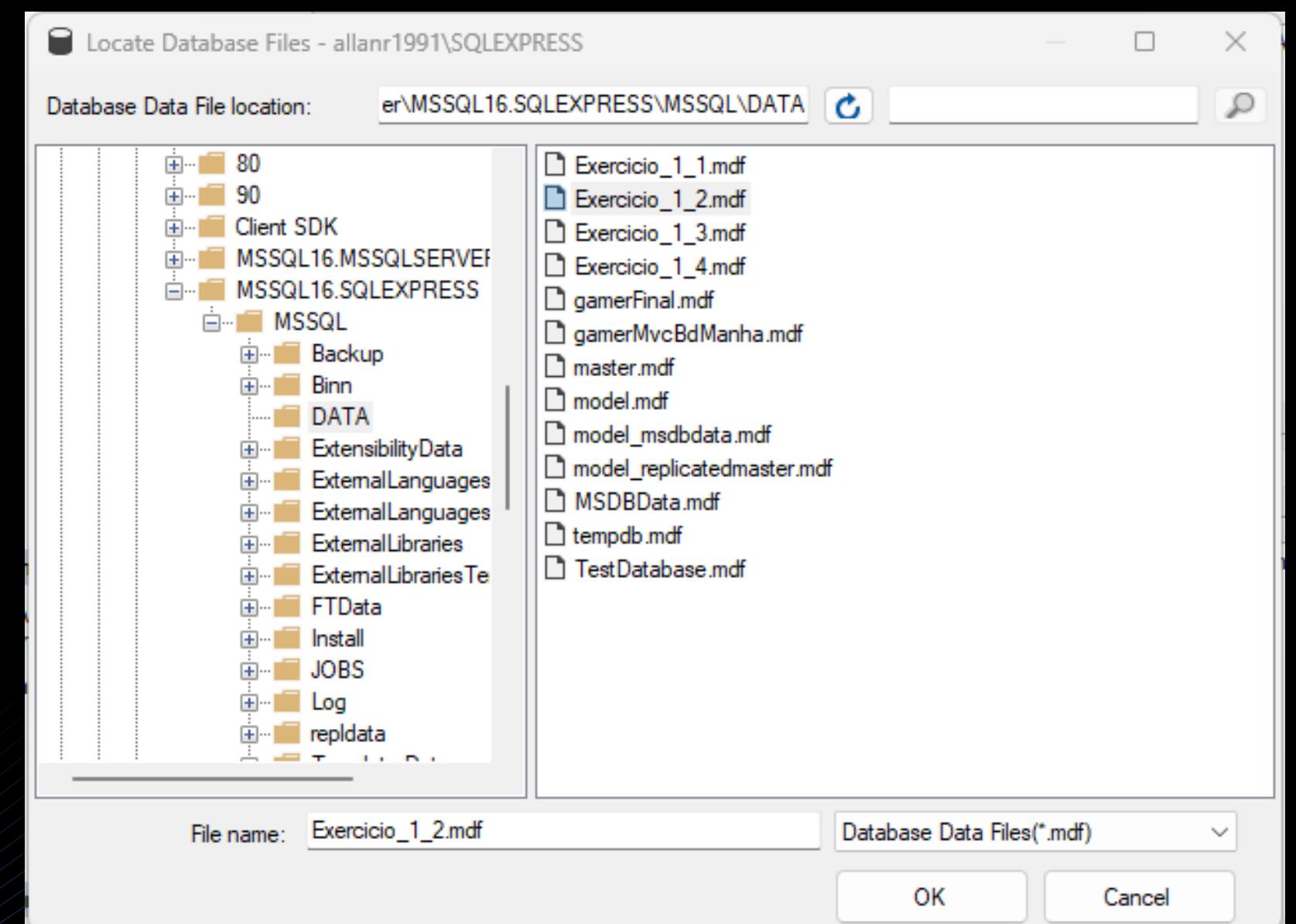
Acessar o SSMS > Servidor > Database > Attach...



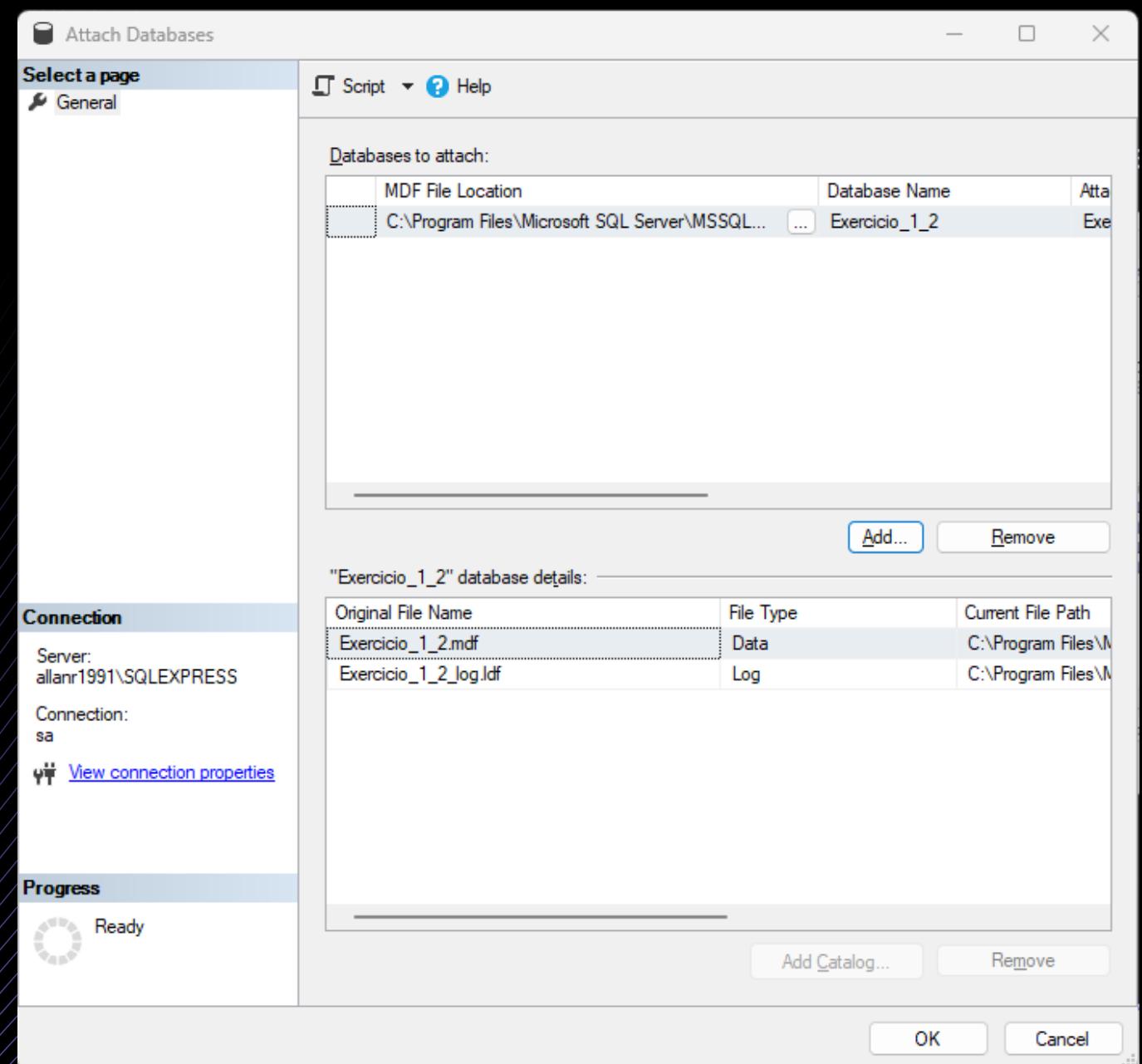
Clicar em Add...



Selecionar o arquivo copiado .mdf



Clicar em OK



Banco de dados Importado.

# Exercício

Crie um banco de dados contendo no minimo 1 tabelas e realize no minimo 3 inputs, exporte os dados para um .xls e importe o mesmo para um novo banco de dados banco de dados novamente com a utilização do SSMS.

# Referências

- Importar e exportar dados do SQL Server e do Banco de Dados SQL do Azure

<https://learn.microsoft.com/pt-br/sql/relational-databases/import-export/overview-import-export?view=sql-server-ver16>

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- Solução para conexão utilizando BCP

<https://www.mssqltips.com/sqlservertip/2340/resolving-could-not-open-a-connection-to-sql-server-errors/>

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- Export e Import com SSMS

<https://learn.microsoft.com/pt-br/sql/integration-services/import-export-data/get-started-with-this-simple-example-of-the-import-and-export-wizard?view=sql-server-ver16>

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- Tipos de dados do Integration Services

<https://learn.microsoft.com/pt-br/sql/integration-services/data-flow/integration-services-data-types?view=sql-server-ver16>

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- Video Explicativo do uso do Bulk

<https://www.youtube.com/watch?v=70qnrUisj0I&t=157s>

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# Integrantes



**Allan R.**



**Caua S.**



**Gabriel A.**



**Gabriel R.**



**Pedro H.**



**Rubens M.**

