

# Sql Server - Atividade Avaliativa

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```
--Create Table
Create Table Departamento(
    DepartamentoID int Not Null Identity(1,1),
    Nome varchar(MAX) Not Null,
    DataInsert DateTime Null Default GetDate(),
    Constraint PK_Departamento Primary Key (DepartamentoID)
)
Go

--Cancela Temporariamente o Identity
Set Identity_Insert Departamento On

Insert Into Departamento(DepartamentoID, Nome)
    Select DepartamentoID, Nome
    From RawDepartamento
Go

--Ativa o Identity novamente
Set Identity_Insert Departamento Off

--Select tabela Departamento
Select * From Departamento
Go
```

Results		Messages	
	DepartamentoID	Nome	DataInsert
1	1	Customer Service	2021-09-24 14:22:52.080
2	2	Development	2021-09-24 14:22:52.080
3	3	Finance	2021-09-24 14:22:52.080
4	4	Human Resources	2021-09-24 14:22:52.080
5	5	Marketing	2021-09-24 14:22:52.080
6	6	Production	2021-09-24 14:22:52.080
7	7	Quality Management	2021-09-24 14:22:52.080
8	8	Research	2021-09-24 14:22:52.080
9	9	Sales	2021-09-24 14:22:52.080

Query executed successfully. | DESKTOP-GL90AU7\SQLEXPRESS ... | DESKTOP-GL90AU7\Lab02 ... | CapacitacaoPSG2021H3 | 00:00:00 | 9 rows

```

--Create Table País
Create Table Pais(
    PaisID int Not Null Identity(1,1),
    Nome Varchar(MAX) Not Null,
    Sigla Char(2) Not Null,
    DataInsert DateTime Null Default GetDate(),
    Constraint PK_Pais Primary Key (PaisID)
)
Go

--Cancela Temporariamente o Identity
Set Identity_Insert Pais On

Insert Into Pais(PaisID, Nome, Sigla)
    Select PaisID, Nome, Sigla
    From RawPais
Go

--Ativa o Identity novamente
Set Identity_Insert Departamento Off

--Select tabela Pais
Select * From Pais
Go

```

Results Messages

	PaisID	Nome	Sigla	DataInsert
1	1	Canada	CA	2021-09-24 14:42:26.907
2	2	United States	US	2021-09-24 14:42:26.907
3	3	United Kingdom	GB	2021-09-24 14:42:26.907
4	4	Andorra	AD	2021-09-24 14:42:26.907
5	5	Anguilla	AI	2021-09-24 14:42:26.907
6	6	Argentina	AR	2021-09-24 14:42:26.907
7	7	Aruba	AW	2021-09-24 14:42:26.907
8	8	Australia	AU	2021-09-24 14:42:26.907
9	9	Austria	AT	2021-09-24 14:42:26.907
10	10	Bahamas	BS	2021-09-24 14:42:26.907
11	11	Bahrain	BH	2021-09-24 14:42:26.907

Query executed successfully. | DESKTOP-GL90AU7\SQLEXPRESS ... | DESKTOP-GL90AU7\Lab02 ... | CapacitacaoPSG2021H3 | 00:00:00 | 103 rows

--Create Table

```
Create Table Funcionario(  
    FuncionarioID int Not Null,  
    Chave bigint Not Null,  
    Nome Varchar(MAX) Not Null,  
    SobreNome Varchar(MAX) Not Null,  
    Sexo Char(1) Not Null,  
    DataNascimento DateTime Not Null,  
    Email Varchar(MAX),  
    CodigoPais int Not Null,  
    DataAdmissao DateTime Not Null,  
    Ctps Varchar(MAX) Not Null,  
    CtpsNum bigint Not Null,  
    CtpsSerie int Not Null,  
    DataInsert DateTime Null Default GetDate(),  
    Constraint PK_Funcionario Primary Key (FuncionarioID)  
)  
Go
```

--Inserir Dados na Tabela Funcionário Com Junção de Flat

```
Insert Into Funcionario(  
    FuncionarioID,  
    Chave,  
    Nome,  
    SobreNome,  
    Sexo,  
    DataNascimento,  
    Email,  
    CodigoPais,  
    DataAdmissao,  
    Ctps,  
    CtpsNum,  
    CtpsSerie)  
Select  
    P.FuncionarioID,  
    P.Chave,  
    E.Nome,  
    E.SobreNome,  
    P.Sexo,  
    P.DataNascimento,  
    P.Email,  
    P.PaisID,  
    E.DataAdmissao,  
    E.Ctps,  
    E.CtpsNum,  
    E.CtpsSerie  
From RAWDATAFuncionariosDadosPessoais As P  
    Inner Join RAWDATAFuncionariosDadosEmpresa As E On  
    P.Chave = E.ChaveID
```

```
--Select Funcionários
Select * From Funcionario
Go
```

Results		Messages								
	FuncionarioID	Chave	Nome	SobreNome	Sexo	DataNascimento	Email	CodigoPais	DataAdmissao	Ctps
1	10001	20100150001	Georgi	Facello	M	1953-09-02 00:00:00.000	facello.georgi@acme.com	1	1986-06-26 00:00:00.000	49001540741
2	10002	20100150002	Bezalel	Simmel	F	1964-06-02 00:00:00.000	simmel.bezalel@acme.com	1	1985-11-21 00:00:00.000	38050201548/
3	10003	20100150003	Parto	Bamford	M	1959-12-03 00:00:00.000	bamford.parto@acme.com	1	1986-08-28 00:00:00.000	45152038868/
4	10004	20100150004	Christian	Koblick	M	1954-05-01 00:00:00.000	koblick.christian@acme.com	1	1986-12-01 00:00:00.000	93993062385/
5	10005	20100150005	Kyoichi	Maliniak	M	1955-01-21 00:00:00.000	maliniak.kyoichi@acme.com	1	1989-09-12 00:00:00.000	64885131268/
6	10006	20100150006	Anneke	Preusig	F	1953-04-20 00:00:00.000	preusig.anneke@acme.com	1	1989-06-02 00:00:00.000	32097781440/
7	10007	20100150007	Tzvetan	Zielinski	F	1957-05-23 00:00:00.000	zielinski.tzvetan@acme.com	1	1989-02-10 00:00:00.000	45521773009/
8	10008	20100150008	Saniya	Kalloufi	M	1958-02-19 00:00:00.000	kalloufi.saniya@acme.com	1	1994-09-15 00:00:00.000	61346916570/
9	10009	20100150009	Sumant	Peac	F	1952-04-19 00:00:00.000	peac.sumant@acme.com	1	197852551134/	97392551134/
10	10010	20100150010	Diankazu	Rivetani	F	1963-06-01 00:00:00.000	rivetani.diankazu@acme.com	1	1989-08-24 00:00:00.000	6788227357/

Query executed successfully.
DESKTOP-GL90AU7\SQLEXPRESS ...
DESKTOP-GL90AU7\Lab02 ...
CapacitacaoPSG2021H3
00:00:02
120.670 rows

```
--Create View Funcionario
Create View VW_DadosPessoais
As
```

```
Select
F.Nome,
F.SobreNome,
F.Sexo,
F.DataNascimento,
F.Email,
P.PaisID,
P.Nome As NomePais
From Funcionario As F
Inner Join Pais As P On
F.CodigoPais = P.PaisID
```

Go

```
--Select View Funcionario
Select * From VW_DadosPessoais
Go
```

Results

Messages

	Nome	SobreNome	Sexo	DataNascimento	Email	PaisID	NomePais
1	Georgi	Facello	M	1953-09-02 00:00:00.000	facello.georgi@acme.com	1	Canada
2	Bezalel	Simmel	F	1964-06-02 00:00:00.000	simmel.bezalel@acme.com	1	Canada
3	Parto	Bamford	M	1959-12-03 00:00:00.000	bamford.parto@acme.com	1	Canada
4	Chirstian	Koblick	M	1954-05-01 00:00:00.000	koblick.chirstian@acme.com	1	Canada
5	Kyoichi	Maliniak	M	1955-01-21 00:00:00.000	maliniak.kyoichi@acme.com	1	Canada
6	Anneke	Preusig	F	1953-04-20 00:00:00.000	preusig.anneke@acme.com	1	Canada
7	Tzvetan	Zielinski	F	1957-05-23 00:00:00.000	zielinski.tzvetan@acme.com	1	Canada
8	Saniya	Kalloufi	M	1958-02-19 00:00:00.000	kalloufi.saniya@acme.com	1	Canada
9	Sumant	Peac	F	1952-04-19 00:00:00.000	peac.sumant@acme.com	1	Canada
10	Duangkaew	Piveteau	F	1963-06-01 00:00:00.000	piveteau.duangkaew@acme.com	1	Canada
11	Mary	Sluis	F	1953-11-07 00:00:00.000	sluis.mary@acme.com	1	Canada

Query executed successfully.

DESKTOP-GL90AU7\SQLEXPRESS ...

DESKTOP-GL90AU7\Lab02 ...

CapacitacaoPSG2021H3

00:00:01

120.670 rows

```
--Create View Empresa
Create View VW_DadosEmpresa
As
```

```
    Select
    FuncionarioID,
    Nome,
    SobreNome,
    Chave,
    DataAdmissao,
    Ctps,
    CtpsNum,
    CtpsSerie
    From Funcionario
```

```
Go
```

```
--Select VW_DadosEmpresa
Select * From VW_DadosEmpresa
```

Results		Messages						
	FuncionarioID	Nome	SobreNome	Chave	DataAdmissao	Ctps	CtpsNum	CtpsSerie
1	10001	Georgi	Facello	20100150001	1986-06-26 00:00:00.000	49001540741/380	49001540741	380
2	10002	Bezalel	Simmel	20100150002	1985-11-21 00:00:00.000	38050201548/584	38050201548	584
3	10003	Parto	Bamford	20100150003	1986-08-28 00:00:00.000	45152038868/403	45152038868	403
4	10004	Christian	Koblick	20100150004	1986-12-01 00:00:00.000	93993062385/891	93993062385	891
5	10005	Kyoichi	Maliniak	20100150005	1989-09-12 00:00:00.000	64885131268/229	64885131268	229
6	10006	Anneke	Preusig	20100150006	1989-06-02 00:00:00.000	32097781440/565	32097781440	565
7	10007	Tzvetan	Zielinski	20100150007	1989-02-10 00:00:00.000	45521773009/130	45521773009	130
8	10008	Saniya	Kalloufi	20100150008	1994-09-15 00:00:00.000	61346916570/146	61346916570	146
9	10009	Sumant	Peac	20100150009	1985-02-18 00:00:00.000	97392551134/059	97392551134	59
10	10010	Duangkaew	Piveteau	20100150010	1989-08-24 00:00:00.000	67883327357/459	67883327357	459
11	10011	Mary	Sluis	20100150011	1990-01-22 00:00:00.000	27643038714/533	27643038714	533

Query executed successfully.

DESKTOP-GL90AU7\SQLEXPRESS ...

DESKTOP-GL90AU7\Lab02 ...

CapacitacaoPSG2021H3

00:00:01

120.670 rows

```
--Create Procedure Funcionario
Create Procedure PR_Funcionario
    @FuncionarioID int
As
    Select * From Funcionario
    Where (FuncionarioID = @FuncionarioID)
Go

--Busca Funcionario Pelo FuncionarioID
Execute PR_Funcionario 10001
Go
```

Results		Messages									
	FuncionarioID	Chave	Nome	SobreNome	Sexo	DataNascimento	Email	CodigoPais	DataAdmissao	Ctps	CtpsNum
1	10001	20100150001	Georgi	Facello	M	1953-09-02 00:00:00.000	facello.georgi@acme.com	1	1986-06-26 00:00:00.000	49001540741/380	49001540

Query executed successfully. | DESKTOP-GL90AU7\SQLEXPRESS ... | DESKTOP-GL90AU7\Lab02 ... | CapacitacaoPSG2021H3 | 00:00:00 | 1 rows

```
--Create Procedure Funcionario
Create Procedure PR_Funcionario_Chave
    @Chave Bigint
As
    Select * From Funcionario
    Where (Chave = @Chave)
Go

--Busca Funcionario Pela Chave
Execute PR_Funcionario_Chave 20100150001
Go
```

Results		Messages									
	FuncionarioID	Chave	Nome	SobreNome	Sexo	DataNascimento	Email	CodigoPais	DataAdmissao	Ctps	CtpsNum
1	10001	20100150001	Georgi	Facello	M	1953-09-02 00:00:00.000	facello.georgi@acme.com	1	1986-06-26 00:00:00.000	49001540741/380	49001540

Query executed successfully. | DESKTOP-GL90AU7\SQLEXPRESS ... | DESKTOP-GL90AU7\Lab02 ... | CapacitacaoPSG2021H3 | 00:00:00 | 1 rows