

# Encontro 30 - Revisitando o SQL Server

1.1) Script para consultas e criação da tabela.

```
create table FuncionarioDepartamento(  
    FuncionarioDepartamentoID bigint not null  
identity(1,1),  
    FuncionarioID int not null,  
    DepartamentoID int not null,  
    DataInicial dateTime null,  
    DataFinal dateTime null,  
    constraint PK_FuncionarioDepartamento primary  
key(FuncionarioDepartamentoID),  
    CONSTRAINT fk_Funcionario_Departamento FOREIGN KEY  
(FuncionarioID) REFERENCES Funcionario(FuncionarioID),  
    CONSTRAINT fk_Departamento FOREIGN KEY  
(DepartamentoID) REFERENCES  
Departamento(DepartamentoID)  
)  
go
```

```
Insert into FuncionarioDepartamento(  
    FuncionarioID,  
    DepartamentoID,DataInicial,DataFinal  
)  
SELECT [funcid]  
    ,[deptoid]  
    ,[datainicial]  
    ,[datafinal]  
FROM  
[CapacitacaoPSG2021H3].[dbo].[funcionarios_por_deptos]  
order by funcid  
go
```

```
select COUNT(FuncionarioID) FROM  
FuncionarioDepartamento
```

```
select  
    f.FuncionarioID,f.Chave,f.Nome, f.SobreNome,  
    f.Sexo,f.DataNascimento  
,f.Email,f.CodigoPais,f.DataAdmissao,
```

```
f.Ctps,f.CtpsNum,f.CtpsSerie,f.Inclusao,d.FuncionarioDepartamentoID,
r.DepartamentoID,d.DataInicial,d.DataFinal,r.Nome
as Cargo, r.DataInsert
```

```
from Funcionario as f
inner join FuncionarioDepartamento as d on
f.FuncionarioID = d.FuncionarioID
inner join Departamento as r on
r.DepartamentoID = d.DapartamentoID
```

Go

1.2) Script de consulta da tabela .

```
select * from Funcionario as f
inner join FuncionarioDepartamento as d on
f.FuncionarioID = d.FuncionarioID
```

Go

The screenshot shows a SQL query result in Microsoft SQL Server Enterprise Manager. The query was executed successfully, returning 133,369 rows. The table displays employee information including their ID, department, hire date, and salary.

| FuncionarioID | Chave | Nome      | SobreNome   | Sexo | DataNascimento          | Email                         | CodigoPais | DataAdmissao            | Ctps            | CtpsNum     | CtpsSerie | Inclusao                | Fun |
|---------------|-------|-----------|-------------|------|-------------------------|-------------------------------|------------|-------------------------|-----------------|-------------|-----------|-------------------------|-----|
| 1             | 10001 | Georgi    | Facello     | M    | 1953-09-02 00:00:00.000 | facello.georgi@acme.com       | 1          | 1986-06-26 00:00:00.000 | 49001540741/380 | 49001540741 | 380       | 2021-09-24 15:55:26.557 | 1   |
| 2             | 10002 | Bezalel   | Sinmel      | F    | 1964-06-02 00:00:00.000 | sinmel.bezalel@acme.com       | 1          | 1985-11-21 00:00:00.000 | 38050201548/584 | 38050201548 | 584       | 2021-09-24 15:55:26.557 | 2   |
| 3             | 10003 | Parto     | Banford     | M    | 1959-12-03 00:00:00.000 | banford.parto@acme.com        | 1          | 1986-08-28 00:00:00.000 | 45152038968/403 | 45152038968 | 403       | 2021-09-24 15:55:26.557 | 3   |
| 4             | 10004 | Christian | Koblick     | M    | 1954-05-01 00:00:00.000 | koblick.christian@acme.com    | 1          | 1986-12-01 00:00:00.000 | 93993062385/891 | 93993062385 | 891       | 2021-09-24 15:55:26.557 | 4   |
| 5             | 10005 | Kyoichi   | Malniak     | M    | 1955-01-21 00:00:00.000 | malniak.kyoichi@acme.com      | 1          | 1989-09-12 00:00:00.000 | 64885131268/229 | 64885131268 | 229       | 2021-09-24 15:55:26.557 | 5   |
| 6             | 10006 | Anneke    | Preusig     | F    | 1953-04-20 00:00:00.000 | preusig.anneke@acme.com       | 1          | 1989-06-02 00:00:00.000 | 32097781440/565 | 32097781440 | 565       | 2021-09-24 15:55:26.557 | 6   |
| 7             | 10007 | Tzvetan   | Zelniski    | F    | 1957-05-23 00:00:00.000 | zelniski.tzvetan@acme.com     | 1          | 1989-02-10 00:00:00.000 | 45521773009/130 | 45521773009 | 130       | 2021-09-24 15:55:26.557 | 7   |
| 8             | 10008 | Saniya    | Kalloufi    | M    | 1958-04-19 00:00:00.000 | kalloufi.saniya@acme.com      | 1          | 1994-09-15 00:00:00.000 | 61346916570/146 | 61346916570 | 146       | 2021-09-24 15:55:26.557 | 8   |
| 9             | 10009 | Sumant    | Peac        | F    | 1952-04-19 00:00:00.000 | peac.sumant@acme.com          | 1          | 1985-02-18 00:00:00.000 | 97392551134/059 | 97392551134 | 59        | 2021-09-24 15:55:26.557 | 9   |
| 10            | 10010 | Duang     | Piveteau    | F    | 1963-06-01 00:00:00.000 | piveteau.duangkaew@acme.com   | 1          | 1989-08-24 00:00:00.000 | 67883327357/459 | 67883327357 | 459       | 2021-09-24 15:55:26.557 | 11  |
| 11            | 10011 | Mary      | Slus        | F    | 1953-11-07 00:00:00.000 | slus.mary@acme.com            | 1          | 1990-01-22 00:00:00.000 | 27643038714/533 | 27643038714 | 533       | 2021-09-24 15:55:26.557 | 12  |
| 12            | 10012 | Patricio  | Bridgland   | M    | 1960-10-04 00:00:00.000 | bridgland.patricio@acme.com   | 1          | 1992-12-18 00:00:00.000 | 21351765725/934 | 21351765725 | 934       | 2021-09-24 15:55:26.557 | 13  |
| 13            | 10013 | Eberhard  | Terkki      | M    | 1963-06-07 00:00:00.000 | terkki.eberhardt@acme.com     | 1          | 1985-10-20 00:00:00.000 | 56169715657/667 | 56169715657 | 667       | 2021-09-24 15:55:26.557 | 14  |
| 14            | 10014 | Berni     | Genin       | M    | 1956-02-12 00:00:00.000 | genin.berni@acme.com          | 1          | 1987-03-11 00:00:00.000 | 65552228659/809 | 65552228659 | 809       | 2021-09-24 15:55:26.557 | 15  |
| 15            | 10015 | Guoxi     | Nooteboom   | M    | 1959-08-19 00:00:00.000 | nooteboom.guoxiang@acme.com   | 1          | 1987-07-02 00:00:00.000 | 53561554492/173 | 53561554492 | 173       | 2021-09-24 15:55:26.557 | 16  |
| 16            | 10016 | Kazuhiro  | Cappelletti | M    | 1961-05-02 00:00:00.000 | cappelletti.kazuhiro@acme.com | 1          | 1995-01-27 00:00:00.000 | 75799810902/082 | 75799810902 | 82        | 2021-09-24 15:55:26.557 | 17  |
| 17            | 10017 | Cristinel | Bouloucos   | F    | 1958-07-06 00:00:00.000 | bouloucos.cristinel@acme.com  | 1          | 1993-08-03 00:00:00.000 | 34272721832/847 | 34272721832 | 847       | 2021-09-24 15:55:26.557 | 18  |
| 18            | 10018 | Kazuhi    | Peha        | F    | 1954-06-19 00:00:00.000 | peha.kazuhide@acme.com        | 1          | 1987-04-03 00:00:00.000 | 65049299321/002 | 65049299321 | 2         | 2021-09-24 15:55:26.557 | 19  |
| 19            | 10019 | Lillian   | Haddadi     | M    | 1953-01-23 00:00:00.000 | haddadi.lillian@acme.com      | 1          | 1999-04-30 00:00:00.000 | 03749683835/747 | 3749683835  | 747       | 2021-09-24 15:55:26.557 | 21  |
| 20            | 10020 | Mayuko    | Warwick     | M    | 1952-12-24 00:00:00.000 | warwick.mayuko@acme.com       | 1          | 1991-01-26 00:00:00.000 | 82922368055/587 | 82922368055 | 587       | 2021-09-24 15:55:26.557 | 22  |
| 21            | 10021 | Ramzi     | Erde        | M    | 1960-02-20 00:00:00.000 | erde.ramzi@acme.com           | 1          | 1988-02-10 00:00:00.000 | 55975941650/126 | 55975941650 | 126       | 2021-09-24 15:55:26.557 | 23  |
| 22            | 10022 | Shahaf    | Famil       | M    | 1952-07-08 00:00:00.000 | famil.shahaf@acme.com         | 1          | 1995-08-22 00:00:00.000 | 09461350299/421 | 9461350299  | 421       | 2021-09-24 15:55:26.557 | 24  |
| 23            | 10023 | Bojan     | Montema     | F    | 1953-09-29 00:00:00.000 | montemayor.bojan@acme.com     | 1          | 1989-12-17 00:00:00.000 | 35312125304/068 | 35312125304 | 68        | 2021-09-24 15:55:26.557 | 25  |
| 24            | 10024 | Suzette   | Nettev      | F    | 1958-09-05 00:00:00.000 | nettev.suzette@acme.com       | 1          | 1987-05-19 00:00:00.000 | 37744575045/062 | 37744575045 | 62        | 2021-09-24 15:55:26.557 | 26  |

```

select * from FuncionarioDepartamento as f
inner join Departamento as d on
f.DepartamentoID = d.DepartamentoID
Go

```

testes.sql - DESKTOP-GL90AU7.CapitacaoPSG2021H3 (teste (63)) - Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

File Edit View Query Project Tools Window Help

CapitacaoPSG2021H3 Execute

testes.sql - DESKTOP-GL90AU7.CapitacaoPSG2021H3 (teste (63))

137 %

Results Messages

|    | FuncionarioDepartamentoID | FuncionarioID | DepartamentoID | DataInical              | DataFinal               | DepartamentoID | Nome              | Inclusao                |
|----|---------------------------|---------------|----------------|-------------------------|-------------------------|----------------|-------------------|-------------------------|
| 1  | 1                         | 10001         | 2              | 1986-06-26 00:00:00.000 | 2009-01-01 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 2  | 2                         | 10002         | 9              | 1996-08-03 00:00:00.000 | 2009-01-01 00:00:00.000 | 9              | Sales             | 2021-09-24 14:22:52.080 |
| 3  | 3                         | 10003         | 6              | 1995-12-03 00:00:00.000 | 2009-01-01 00:00:00.000 | 6              | Production        | 2021-09-24 14:22:52.080 |
| 4  | 4                         | 10004         | 6              | 1986-12-01 00:00:00.000 | 2009-01-01 00:00:00.000 | 6              | Production        | 2021-09-24 14:22:52.080 |
| 5  | 5                         | 10005         | 4              | 1989-09-12 00:00:00.000 | 2009-01-01 00:00:00.000 | 4              | Human Resources   | 2021-09-24 14:22:52.080 |
| 6  | 6                         | 10006         | 2              | 1990-08-05 00:00:00.000 | 2009-01-01 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 7  | 7                         | 10007         | 8              | 1989-02-10 00:00:00.000 | 2009-01-01 00:00:00.000 | 8              | Research          | 2021-09-24 14:22:52.080 |
| 8  | 8                         | 10008         | 2              | 1998-03-11 00:00:00.000 | 2000-07-31 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 9  | 9                         | 10009         | 7              | 1985-02-18 00:00:00.000 | 2009-01-01 00:00:00.000 | 7              | Quality Manage... | 2021-09-24 14:22:52.080 |
| 10 | 10                        | 10010         | 6              | 1996-11-24 00:00:00.000 | 2000-06-26 00:00:00.000 | 6              | Production        | 2021-09-24 14:22:52.080 |
| 11 | 11                        | 10010         | 7              | 2000-06-26 00:00:00.000 | 2009-01-01 00:00:00.000 | 7              | Quality Manage... | 2021-09-24 14:22:52.080 |
| 12 | 13                        | 10012         | 2              | 1992-12-18 00:00:00.000 | 2009-01-01 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 13 | 14                        | 10013         | 4              | 1985-10-20 00:00:00.000 | 2009-01-01 00:00:00.000 | 4              | Human Resources   | 2021-09-24 14:22:52.080 |
| 14 | 15                        | 10014         | 2              | 1993-12-29 00:00:00.000 | 2009-01-01 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 15 | 16                        | 10015         | 8              | 1992-09-19 00:00:00.000 | 1993-08-22 00:00:00.000 | 8              | Research          | 2021-09-24 14:22:52.080 |
| 16 | 17                        | 10016         | 9              | 1998-02-11 00:00:00.000 | 2009-01-01 00:00:00.000 | 9              | Sales             | 2021-09-24 14:22:52.080 |
| 17 | 18                        | 10017         | 5              | 1993-08-03 00:00:00.000 | 2009-01-01 00:00:00.000 | 5              | Marketing         | 2021-09-24 14:22:52.080 |
| 18 | 19                        | 10018         | 2              | 1987-04-03 00:00:00.000 | 1992-07-29 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 19 | 20                        | 10018         | 6              | 1992-07-29 00:00:00.000 | 2009-01-01 00:00:00.000 | 6              | Production        | 2021-09-24 14:22:52.080 |
| 20 | 21                        | 10019         | 8              | 1999-04-30 00:00:00.000 | 2009-01-01 00:00:00.000 | 8              | Research          | 2021-09-24 14:22:52.080 |
| 21 | 22                        | 10020         | 6              | 1997-12-30 00:00:00.000 | 2009-01-01 00:00:00.000 | 6              | Production        | 2021-09-24 14:22:52.080 |
| 22 | 23                        | 10021         | 2              | 1988-02-10 00:00:00.000 | 2002-07-15 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 23 | 24                        | 10022         | 2              | 1999-09-03 00:00:00.000 | 2009-01-01 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 24 | 25                        | 10023         | 2              | 1999-09-27 00:00:00.000 | 2009-01-01 00:00:00.000 | 2              | Development       | 2021-09-24 14:22:52.080 |
| 25 | 26                        | 10024         | 6              | 1998-06-14 00:00:00.000 | 2009-01-01 00:00:00.000 | 6              | Production        | 2021-09-24 14:22:52.080 |

Query executed successfully.

DESKTOP-GL90AU7 (15.0 RTM) teste (63) CapitacaoPSG2021H3 00:00:01 123.937 rows

Ready Ln 47 Col 1 Ch 1 INS

Atividade\_PSG\_SP... Encontro 30 - Revi... workspace-spring... testes.sql - DESKTOP-GL90AU7 (15.0 RTM) Documento1 - Wo... 28°C 16:59 26/10/2021