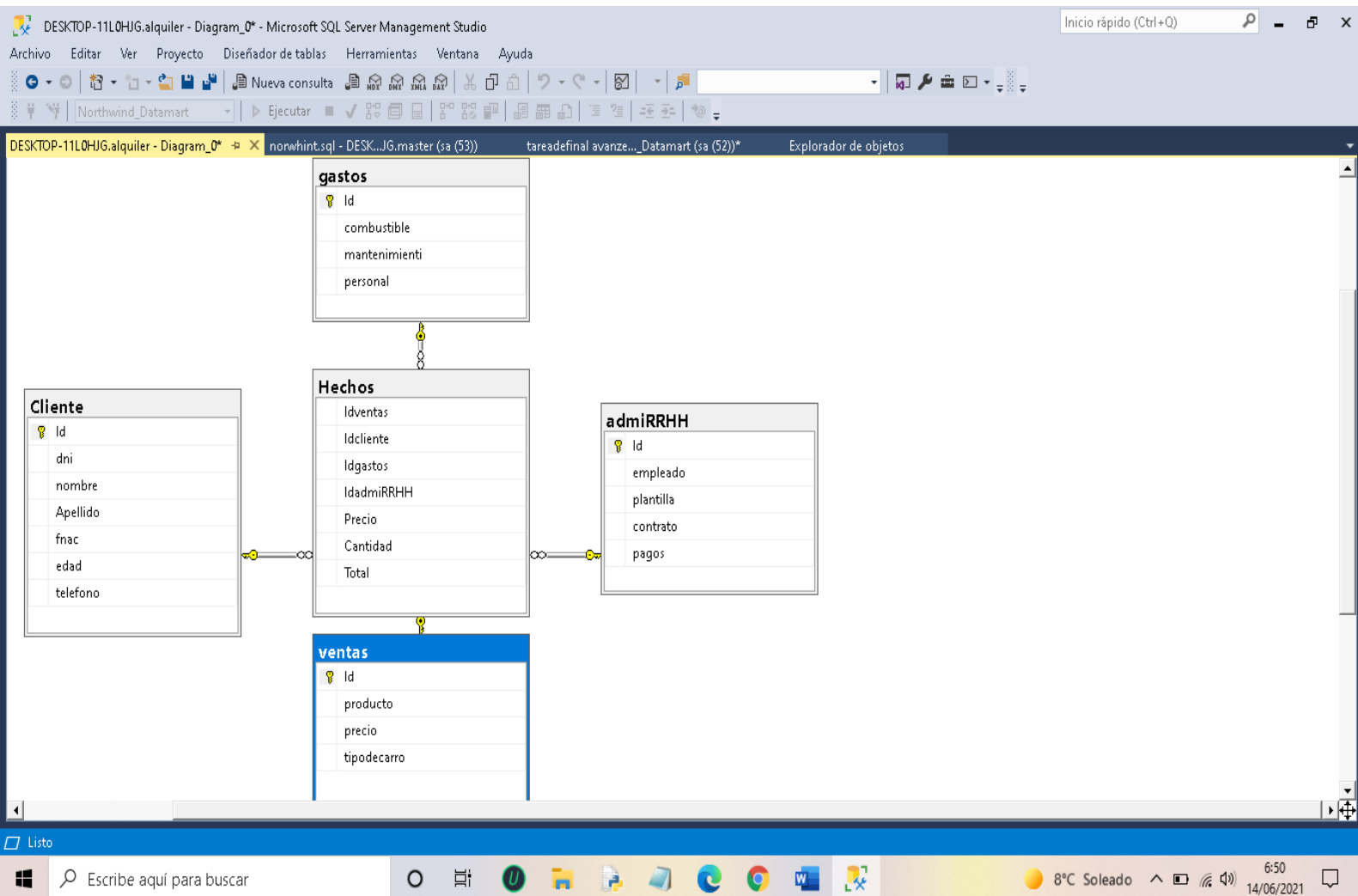


Trabajo final de datawarehouse:

use master



use master

go

drop database if exists alquiler

CREATE DATABASE alquiler

go

use alquiler

go

DROP TABLE IF exists cliente

go

CREATE TABLE Cliente

(

```

    Id int Primary key identity,
    dni char (8) not null,
    nombre nvarchar(50)not null,
    Apellido nvarchar(50)not null,
    fnac date null,
    edad int null,
    telefono int null
)
go
DROP TABLE if exists ventas
go
CREATE TABLE ventas(
    Id int Primary key identity,
    nombrecontacto nvarchar,
    telefono int not null,
    producto int null,
    precio int null,
    tipodecarro nvarchar (30)not null
)
go
DROP TABLE if exists gastos
go
CREATE TABLE gastos(
    Id int Primary key identity,
    combustible int null,
    mantenimienti int null,
    personal nvarchar(20)not null
)
go
DROP TABLE if exists admiRRHH
go
CREATE TABLE admiRRHH(
    Id int Primary key identity,

```

```
empleado nvarchar (20) not null,  
plantilla int null,  
contrato int null,  
pagos int null  
)  
go  
drop table if exists Hechos  
go  
create table Hechos(  
Idventas int not null,  
Idcliente int not null,  
Idgastos int not null,  
IdadmiRRHH int not null,  
Precio float not null,  
Cantidad int not null,  
Total float not null  
)  
go  
alter table Hechos  
add constraint fk_Idventas Foreign Key  
(Idventas)  
references ventas (Id)  
go  
alter table Hechos  
add constraint fk_IdCliente Foreign Key  
(IdCliente)  
references Cliente (Id)  
go  
alter table Hechos  
add constraint fk_Idgastos Foreign Key  
(Idgastos)  
references gastos (Id)  
go
```

```
alter table Hechos
```

```
add constraint fk_IdadmiRRHH Foreign Key  
(IdadmiRRHH)
```

```
references admiRRHH (Id)
```

```
go
```

```
USE parapedidosdealquiler
```

```
Select ContactName, Address, City, Phone  
from Customers
```

```
Select CustomerID, EmployeeID  
, CategoryID, ProductName
```

```
from Orders, Products
```

```
SELECT DISTINCT CompanyName, Country  
FROM Suppliers
```

```
use parapedidosdealquiler
```

```
SELECT DISTINCT ProductName Producto,  
c.CategoryName Categoria
```

```
FROM Products p
```

```
INNER JOIN Categories c
```

```
ON (p.CategoryID=c.CategoryID)
```

```
SELECT DISTINCT LastName, ReportsTo  
FROM Employees
```

```
WHERE ReportsTo IS NOT NULL
```

```
use master
```

```
create database parapedidosdealquiler
```

```
go
```

```
use parapedidosdealquiler
```

```
go
```

```
insert cliente values ('CL0001',  
'11111111', 'Juan', 'Perez', '12/10/1999',  
20)
```

```
go
```

```
insert cliente (Codigo, Dni, Nombre,
Apellido)
values ('CL0002', '11111112', 'Ana',
'Perez')
go
insert cliente (Codigo, Dni, Nombre,
Apellido) values ('CL0003', '11111112',
'Juan', 'Castro'),
('CL0004', '11111113', 'Maria', 'Perez'),
('CL0005', '11111114', 'Mario',
'Seminario'),
('CL0006', '11111115', 'Teodoro',
'Quispe'),
('CL0007', '11111116', 'Silvia', 'Huaman')
go
insert Categoria (Nombre) values
('cuatroporcatro'), ('Ferrari'),
('toyota')
go
select *from categoria
go
```

consultas a ala base de datos

Microsoft SQL Server Management Studio interface showing a query execution result.

Query:

```
INNER JOIN Categories c
ON (p.CategoryID=c.CategoryID)
SELECT DISTINCT LastName, ReportsTo
FROM Employees
WHERE ReportsTo IS NOT NULL
```

Results:

| ContactName | Address | City | Region | Phone |
|--------------------|-------------------------------|-------------|--------|----------------|
| Maria Anders | Obere Str. 57 | Berlin | NULL | 030-0074321 |
| Ana Trujillo | Avda. de la Constitución 2222 | México D.F. | NULL | (5) 555-4729 |
| Antonio Moreno | Mataderos 2312 | México D.F. | NULL | (5) 555-3932 |
| Thomas Hardy | 120 Hanover Sq. | London | NULL | (171) 555-7788 |
| Christina Berglund | Berguvsvägen 8 | Luleå | NULL | 0921-12 34 65 |
| Hanna Moos | Forsterstr. 57 | Mannheim | NULL | 0621-08460 |
| Frédérique Citeaux | 24, place Kléber | Strasbourg | NULL | 88.60.15.31 |
| Martin Sommer | C/ Araquil, 67 | Madrid | NULL | (91) 555 22 82 |

| CustomerID | EmployeeID | CategoryID | ProductName |
|------------|------------|------------|-------------|
| 4 | VICTE | 3 | Chai |
| 5 | SUPRD | 4 | Chai |

Consulta ejecutada correctamente.

DESKTOP-11LQHJG (15.0 RTM) | sa (52) | Northwind | 00:00:01 | 64.1

Windows taskbar: 8°C Soleado, 14/06/2021

Microsoft SQL Server Management Studio interface showing a query execution result.

Query:

```
INNER JOIN Categories c
ON (p.CategoryID=c.CategoryID)
SELECT DISTINCT LastName, ReportsTo
FROM Employees
WHERE ReportsTo IS NOT NULL
```

Results:

| CustomerID | EmployeeID | CategoryID | Product Name |
|------------|------------|------------|--------------|
| 4 | VICTE | 3 | Chai |
| 5 | SUPRD | 4 | Chai |
| 6 | HANAR | 3 | Chai |
| 7 | CHOPS | 5 | Chai |
| 8 | RICSU | 9 | Chai |
| 9 | WELLI | 3 | Chai |
| 10 | HILAA | 4 | Chai |
| 11 | ERNSH | 1 | Chai |

Company Name: Aachen, Country: NULL, ReportsTo: 0241-039123

Consulta ejecutada correctamente.

Microsoft SQL Server Management Studio interface showing a query execution result.

Query:

```
INNER JOIN Categories c
ON (p.CategoryID=c.CategoryID)
SELECT DISTINCT LastName, ReportsTo
FROM Employees
WHERE ReportsTo IS NOT NULL
```

Results:

| Company Name | Country |
|-----------------------------|---------|
| Aux joyeux ecclésiastiques | France |
| Bigfoot Breweries | USA |
| Cooperativa de Quesos '...' | Spain |
| Escargots Nouveaux | France |
| Exotic Liquids | UK |
| Forêts d'érables | Canada |
| Formaggi Fortini s.r.l. | Italy |
| Gai pâturage | France |

Producto: Camembert, Categoría: Fromage Prod

Consulta ejecutada correctamente.

Microsoft SQL Server Management Studio interface showing a query execution result.

Query Text:

```
INNER JOIN Categories c
ON (p.CategoryID=c.CategoryID)
SELECT DISTINCT LastName, ReportsTo
FROM Employees
WHERE ReportsTo IS NOT NULL
```

Results:

| LastName | ReportsTo |
|-----------|-----------|
| Buchanan | 2 |
| Callahan | 2 |
| Davolio | 2 |
| Dodsworth | 5 |
| King | 5 |
| Leverling | 2 |
| Peacock | 2 |
| Suyama | 5 |

Status Bar: Consulta ejecutada correctamente. DESKTOP-11L0HJG (15.0 RTM) | sa (52) | Northwind | 00:00:01 | 91 filas

Taskbar: 8°C Soleado | 6:43 | 14/06/2021