



UST
UNIVERSIDAD SANTO TOMÁS

GESTIÓN DE BASE DE DATOS

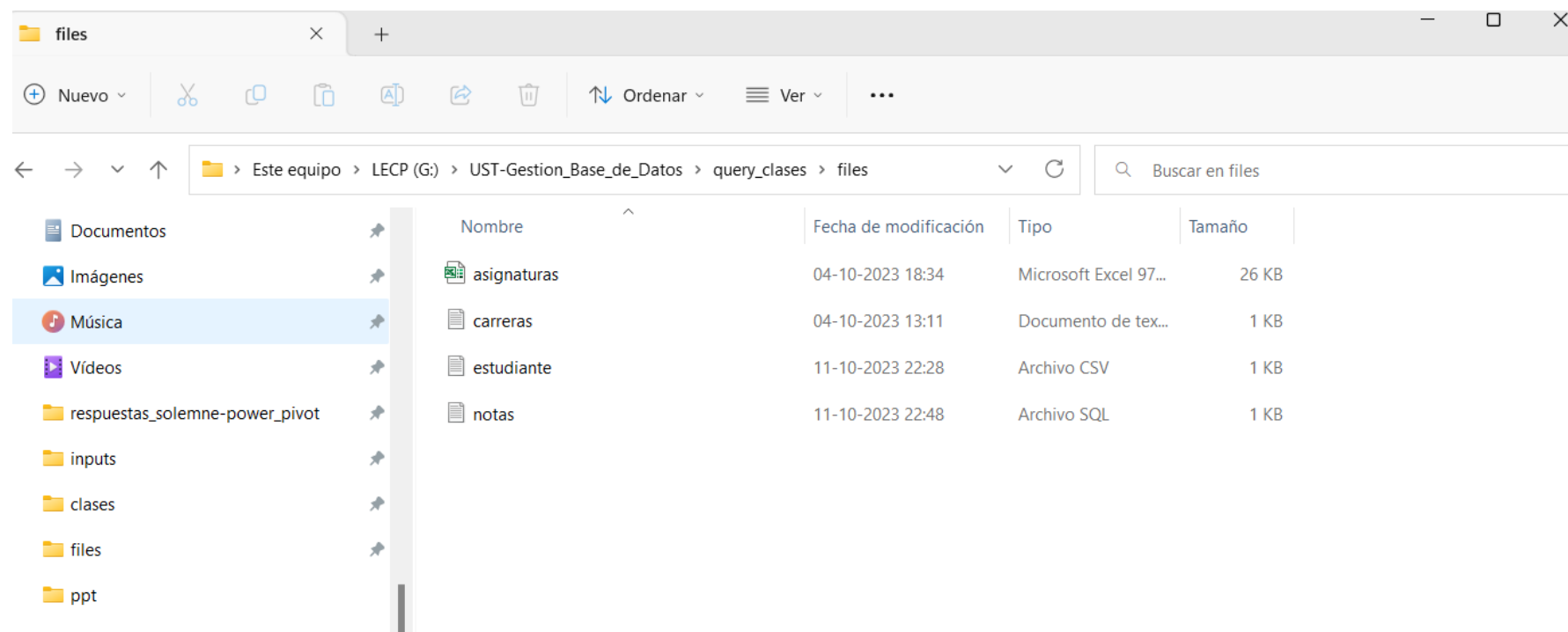
- Profesor: Luis Cuevas Parra
- Carrera : Ingeniería En Información y Control De Gestión
- Código : ICG-032

CARGA DE DATOS:

DISTINTAS FUENTES DE ORIGEN

- Excel
- csv
- txt
- .sql

ARCHIVOS



Origen de datos: Excel

Insertar datos en tabla **CATEDRAS**

UST_ICG_2023

Execute

Object Explorer

Connect

SCL128PCLC2190\SQLEXPRESS (SQL Se

Databases

System Databases

Database Snapshots

UST_ICG_2023

Tables

Tasks

Policies

Facets

Start PowerShell

Azure Data Studio

Reports

Rename

Delete

Refresh

Properties

Detach...

Take Offline

Bring Online

Enable

Encrypt Columns...

Data Discovery and Classification

Vulnerability Assessment

Shrink

Back Up...

Restore

Generate Scripts...

Extract Data-tier Application...

Deploy Database to Microsoft Azure SQL Database...

Export Data-tier Application...

Upgrade Data-tier Application...

Import Flat File...

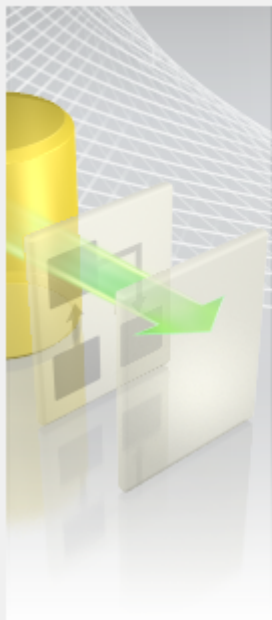
Import Data...

Export Data

```
select COD_CARRERA
from CARRERAS
```

SQLQuery1.sql - SC...2190\Alumnos (57)) * 20231004-Consulta...2190\Alumnos (62))

SCL128PCLC2190\Alumnos... | UST_ICG_2023 | 00:00:00



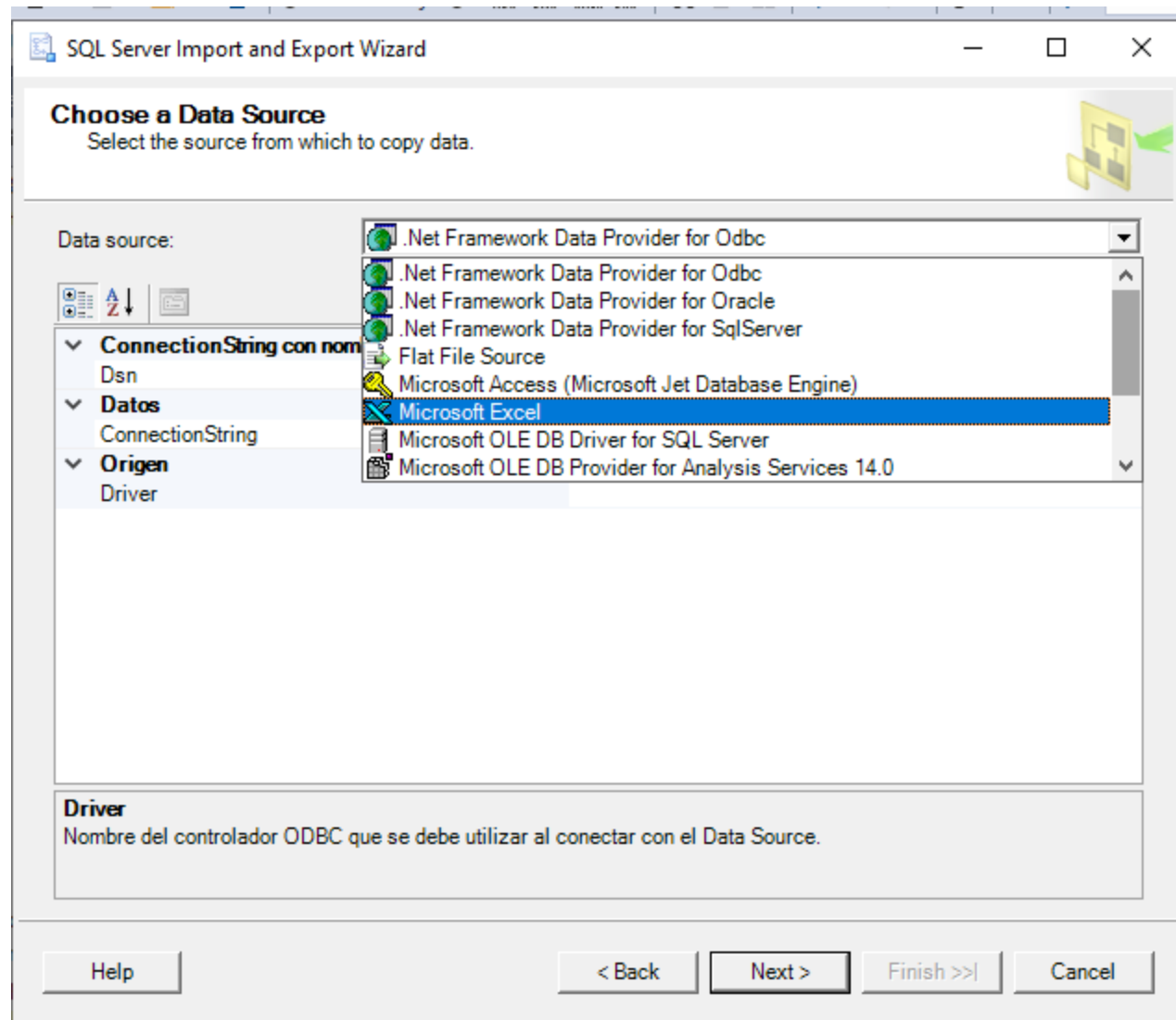
Welcome to SQL Server Import and Export Wizard

This wizard helps you to create simple packages that import and export data between many popular data formats including databases, spreadsheets, and text files. The wizard can also create the destination database and the tables into which the data is inserted.

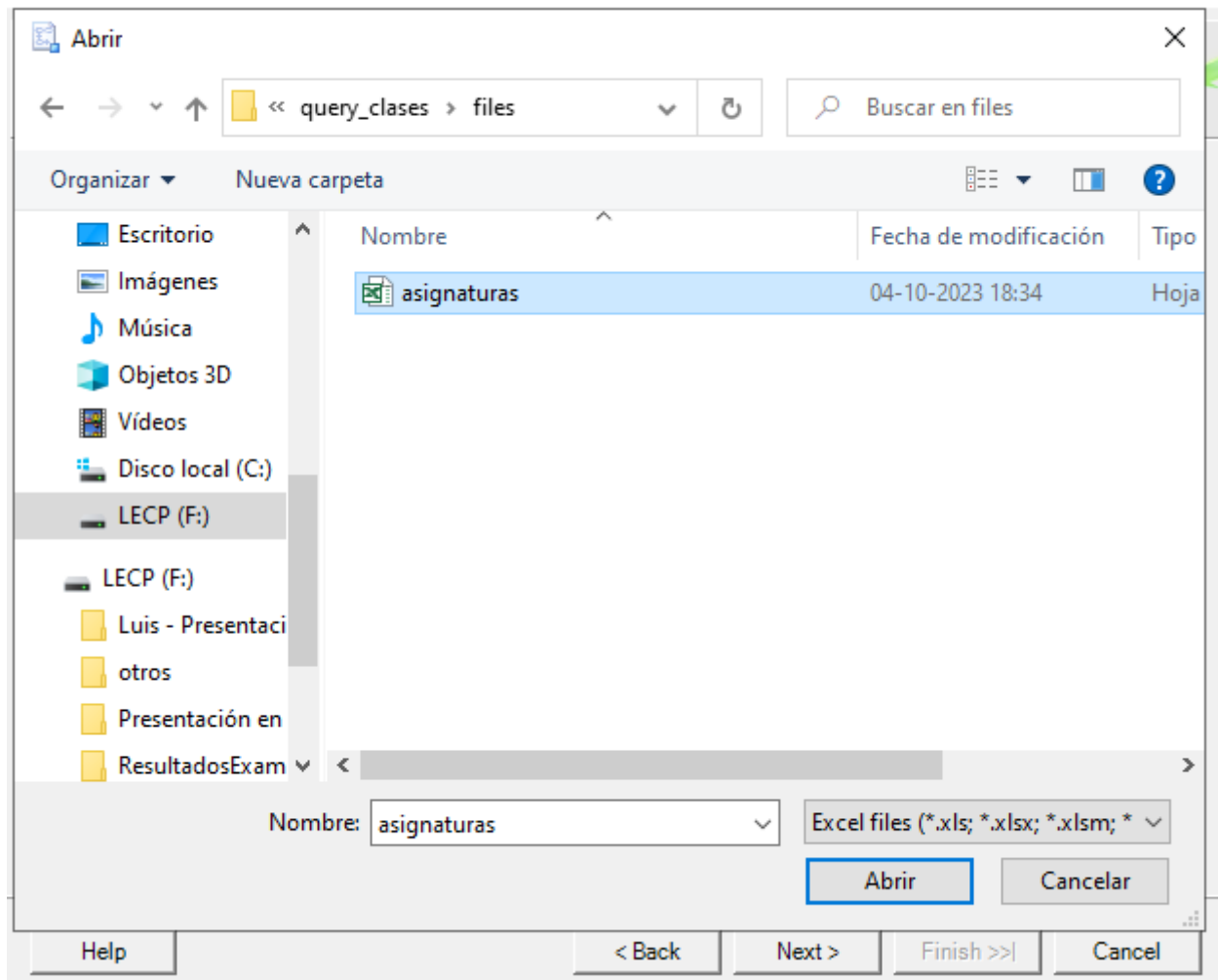
To move or copy databases and their objects from one server instance to another, cancel this wizard and use the Copy Database Wizard instead. The Copy Database Wizard is available in SQL Server Management Studio.

☐ Do not show this starting page again.

[Help](#)[< Back](#)[Next >](#)[Finish >>](#)[Cancel](#)



SQL Server Import and Export Wizard



SQL Server Import and Export Wizard

Choose a Destination
Specify where to copy data to.

Destination: Microsoft OLE DB Provider for SQL Server

Server name: SCL128PCLC2190\SQLEXPRESS

Authentication

☒ Use Windows Authentication

☐ Use SQL Server Authentication

User name:

Password:

Database: UST_ICG_2023

Refresh

New...

Help < Back Next > Finish >> Cancel

Specify Table Copy or Query

Specify whether to copy one or more tables and views or to copy the results of a query from the data source.

☒ **Copy data from one or more tables or views**

Use this option to copy all the data from the existing tables or views in the source database.

☐ **Write a query to specify the data to transfer**

Use this option to write an SQL query to manipulate or to restrict the source data for the copy operation.

[Help](#)[< Back](#)[Next >](#)[Finish >>](#)[Cancel](#)

SQL Server Import and Export Wizard

Select Source Tables and Views

Choose one or more tables and views to copy.

Tables and views:

☒ Source: G:\UST-Gestion_Base_de_Datos\query_clases\files\asi...

Destination: PF453BJL

☒ 'Hoja1\$'

[dbo].[CATEDRAS]

[dbo].[CARRERAS]

[dbo].[CATEDRAS]

[dbo].[ESTUDIANTES]

[dbo].[NOTAS]

Edit Mappings...

Preview...

Help

< Back

Next >

Finish >>|

Cancel

SQL Server Import and Export Wizard

Select Source Tables and Views

Choose one or more tables and views to copy.

Tables and views:

☒

Source: G:\UST-Gestion_Base_de_Datos\query_clases\files\asi...

Destination: PF453BJL

☒

'Hoja1\$'

dbo].[CATEDRAS]

Edit Mappings...

Preview...

Help

< Back

Next >

Finish >>|

Cancel

Column Mappings

Source:

`Hoja1\$`

Destination:

[dbo].[CATEDRAS]

☐ Create destination table

Edit SQL...

☐ Delete rows in destination table

☐ Drop and re-create destination table

☒ Append rows to the destination table

☐ Enable identity insert

Mappings:

Source	Destination	Type	Nullable	Size	Precision	Scale
COD_CATEDRA	COD_CATEDRA	varchar	<input type="checkbox"/>	10		
CATEDRA	NOMBRE_CA... <div></div>	varchar	<input type="checkbox"/>	30		

Source column:

CATEDRA VarChar (255)

OK



Cancel

SQL Server Import and Export Wizard



Review Data Type Mapping

Select a table to review how its data types map to those in the destination and how it handles conversion issues.

Table:

Source	Destination
 Hoja1\$	 [dbo].[CATEDRAS]

Data type mapping:

	Source Column	Source Type	Destination Col...	Destination Type	Convert	On Error	On Truncati...
	COD_CATEDRA	VarChar	COD_CATEDRA	varchar	<input checked="" type="checkbox"/>	Use Global	Use Global
	CATEDRA	VarChar	NOMBRE_CA...	varchar	<input checked="" type="checkbox"/>	Use Global	Use Global

To view conversion details, double-click the row that contains the column source type to be converted.

On Error (global)

On Truncation (global)

Fail

Fail

Help

< Back

Next >

Finish >>|

Cancel

SQL Server Import and Export Wizard

Save and Run Package
Indicate whether to save the SSIS package.

☒ Run immediately

☐ Save SSIS Package

☒ SQL Server

☐ File system

Package protection level:

Encrypt sensitive data with user key

Password:

Retype password:

Help < Back Next > Finish >>| Cancel

**Complete the Wizard**

Verify the choices made in the wizard and click Finish.

Click Finish to perform the following actions:

Source Location : G:\UST-Gestion_Base_de_Datos\query_clases\files\asignaturas.xls

Source Provider : Microsoft Jet OLEDB 4.0

Destination Location : PF453BJL

Destination Provider : SQLOLEDB

- Copy rows from 'Hoja1\$' to [dbo].[CATEDRAS]
The new rows will be appended to the existing table.
- The package will not be saved.
- The package will be run immediately.

Provider mapping file : C:\Program Files (x86)\Microsoft SQL Server Management Studio 19\Common7\IDE\CommonExtensions\Microsoft\SSIS\160
MappingFiles\JetToMSSql9.xml

[Help](#)[< Back](#)[Next >](#)[Finish](#)[Cancel](#)

The execution was successful**Success**

11 Total 0 Error
11 Success 0 Warning

Details:

	Action	Status	Message
✓	Initializing Data Flow Task	Success	
✓	Initializing Connections	Success	
✓	Setting SQL Command	Success	
✓	Setting Source Connection	Success	
✓	Setting Destination Connection	Success	
✓	Validating	Success	
✓	Prepare for Execute	Success	
✓	Pre-execute	Success	
✓	Executing	Success	
i	Copying to [dbo].[CATEDRAS]	Success	3 rows transferred
✓	Post-execute	Success	

Filter ▼

Stop

Report ▼

Close

```
27 -- Consultar carga de datos
28
29 SELECT * FROM CATEDRAS
30
```

0 %

Results Messages

COD_CATEDRA	NOMBRE_CATEDRA
BD-102	BASE_DATOS
ING-103	INGLES
MAT-101	MATEMATICAS

Origen de datos: txt

Insertar datos en tabla CARRERAS

UST_ICG_2023

Execute

Object Explorer

Connect

SCL128PCLC2190\SQLEXPRESS (SQL Se

Databases

System Databases

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Take Offline

Bring Online

Enable

Encrypt Columns...

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Shrink

Back Up...

Restore

Generate Scripts...

Extract Data-tier Application...

Deploy Database to Microsoft Azure SQL Database...

Export Data-tier Application...

Upgrade Data-tier Application...

Import Flat File...

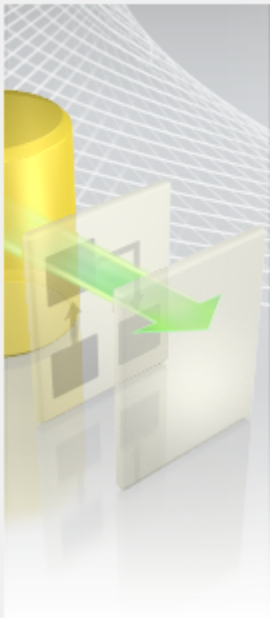
Import Data...

Export Data

```
select COD_CARRERA
from CARRERAS
```

SQLQuery1.sql - SC...2190\Alumnos (57)) * 20231004-Consulta...2190\Alumnos (62))

SCL128PCLC2190\Alumnos... | UST_ICG_2023 | 00:00:00



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☐ Do not show this starting page again.

[Help](#)[< Back](#)[Next >](#)[Finish >>](#)[Cancel](#)

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source:

General
Columns
Advanced
Preview

Select a file and

File name:

Locale:

Code page: 1252 (ANSI - Latin I)


Format: Delimited

Text qualifier: <none>

Header row delimiter: {CR}{LF}

Header rows to skip: 0

☒ Column names in the first data row

 Columns are not defined for this connection manager.

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General
Columns
Advanced
Preview

Select a file and specify the file properties and the file format.

File name: G:\UST-Gestion_Base_de_Datos\query_clase Browse...

Locale: Español (Chile) ☒ Unicode

Code page: 1252 (ANSI - Latin I)


Format: Delimited

Text qualifier: <none>

Header row delimiter: {CR}{LF}

Header rows to skip: 0

☒ Column names in the first data row

 Columns are not defined for this connection manager.

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

Specify the characters that delimit the source file:

Row delimiter: {CR}{LF}

Column delimiter: Tab {t}

Preview rows 2-4:

COD_CARRERA	CARRERA
1001	AUDITORIA
1002	CONTROL_GE...
1003	ING_COMERCIAL

Refresh Reset Columns

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source
Select the source from which to copy data.

Data source: Flat File Source

General
Columns
Advanced
Preview

Configure the properties of each column.

	COD_CARRERA
	CARRERA

Varios

Name	COD_CARRERA
ColumnDelimiter	Tab {t}
ColumnType	Delimited
InputColumnWidth	0
DataPrecision	0
DataScale	0
DataType	Unicode string [DT_V
OutputColumnWidth	50
TextQualified	True

Name

New ▼ Delete Suggest Types...

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General
Columns
Advanced
Preview

Configure the properties of each column.

Column Name	Properties														
COD_CARRERA	<table><tr><td>Name</td><td>COD_CARRERA</td></tr><tr><td>ColumnDelimiter</td><td>Tab {t}</td></tr><tr><td>ColumnType</td><td>Delimited</td></tr><tr><td>InputColumnWidth</td><td>0</td></tr><tr><td>DataPrecision</td><td>0</td></tr><tr><td>DataScale</td><td>0</td></tr><tr><td>DataType</td><td>ned integer [DT_I4]</td></tr></table>	Name	COD_CARRERA	ColumnDelimiter	Tab {t}	ColumnType	Delimited	InputColumnWidth	0	DataPrecision	0	DataScale	0	DataType	ned integer [DT_I4]
Name	COD_CARRERA														
ColumnDelimiter	Tab {t}														
ColumnType	Delimited														
InputColumnWidth	0														
DataPrecision	0														
DataScale	0														
DataType	ned integer [DT_I4]														

New

database timestamp [DT_DBTIMESTAMP]
database timestamp with precision [DT_DBTIMESTAMP2]
database timestamp with timezone [DT_DBTIMESTAMPOFFSET]
date [DT_DATE]
decimal [DT_DECIMAL]
double-precision float [DT_R8]
eight-byte signed integer [DT_I8]
eight-byte unsigned integer [DT_UI8]
file timestamp [DT_FILETIME]
float [DT_R4]
four-byte signed integer [DT_I4]
four-byte unsigned integer [DT_UI4]

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General Columns Advanced Preview

Configure the properties of each column.

Column Name	Column Properties
COD_CARRERA	
CARRERA	Varios Name: CARRERA ColumnDelimiter: {CR}{LF} ColumnType: Delimited InputColumnWidth: 0 DataPrecision: 0 DataScale: 0 DataType: string [DT_STR]

eight-byte signed integer [DT_I8]
eight-byte unsigned integer [DT_UI8]
file timestamp [DT_FILETIME]
float [DT_R4]
four-byte signed integer [DT_I4]
four-byte unsigned integer [DT_UI4]
image [DT_IMAGE]
numeric [DT_NUMERIC]
single-byte signed integer [DT_I1]
single-byte unsigned integer [DT_UI1]
string [DT_STR]
text stream [DT_TEXT]

New

Help < Back Next > Finish >> Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General Columns Advanced Preview

Configure the properties of each column.

	COD_CARRERA
	CARRERA

Varios

Name	CARRERA
ColumnDelimiter	{CR}{LF}
ColumnType	Delimited
InputColumnWidth	0
DataPrecision	0
DataScale	0
DataType	string [DT_STR]
OutputColumnWidth	30
TextQualified	True

OutputColumnWidth
The width of this column in the data flow, given in single characters. Composite characters ma..


New Delete Suggest Types...

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Destination

Specify where to copy data to.



Destination:

Microsoft OLE DB Provider for SQL Server

Server name:

PF453BJL

Authentication

☒ Use Windows Authentication

☐ Use SQL Server Authentication

User name:

Password:

Database:

UST_ICG_2023

Refresh

New...

Help

< Back

Next >

Finish >>|

Cancel

SQL Server Import and Export Wizard

Select Source Tables and Views

Choose one or more tables and views to copy.

Tables and views:

<input checked="" type="checkbox"/>	Source:	Destination: PF453BJL
<input checked="" type="checkbox"/>	G:\UST-Gestion_Base_de_Datos\query_cl...	[dbo].[CARRERAS]

Edit Mappings... Preview...

Help < Back Next > Finish >>| Cancel

Column Mappings

Source:

G:\UST-Gestion_Base_de_Datos\query_clases\files\carreras.txt

Destination:

[dbo].[CARRERAS]

Create destination table

Edit SQL...

Delete rows in destination table

Drop and re-create destination table

Append rows to the destination table

Enable identity insert

Mappings:

Source	Destination	Type	Nullable	Size	Precision	Scale
COD_CARRERA	COD_CARRERA	int	<div></div>			
CARRERA	<div>NOMBRE CA...</div>	varchar	<div></div>	30		

Source column:

CARRERA string [DT_STR] (30)

OK

Cancel

SQL Server Import and Export Wizard

Save and Run Package

Indicate whether to save the SSIS package.

☒ Run immediately

☐ Save SSIS Package

☒ SQL Server

☐ File system

Package protection level:


Encrypt sensitive data with user key

Password:

Retype password:

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

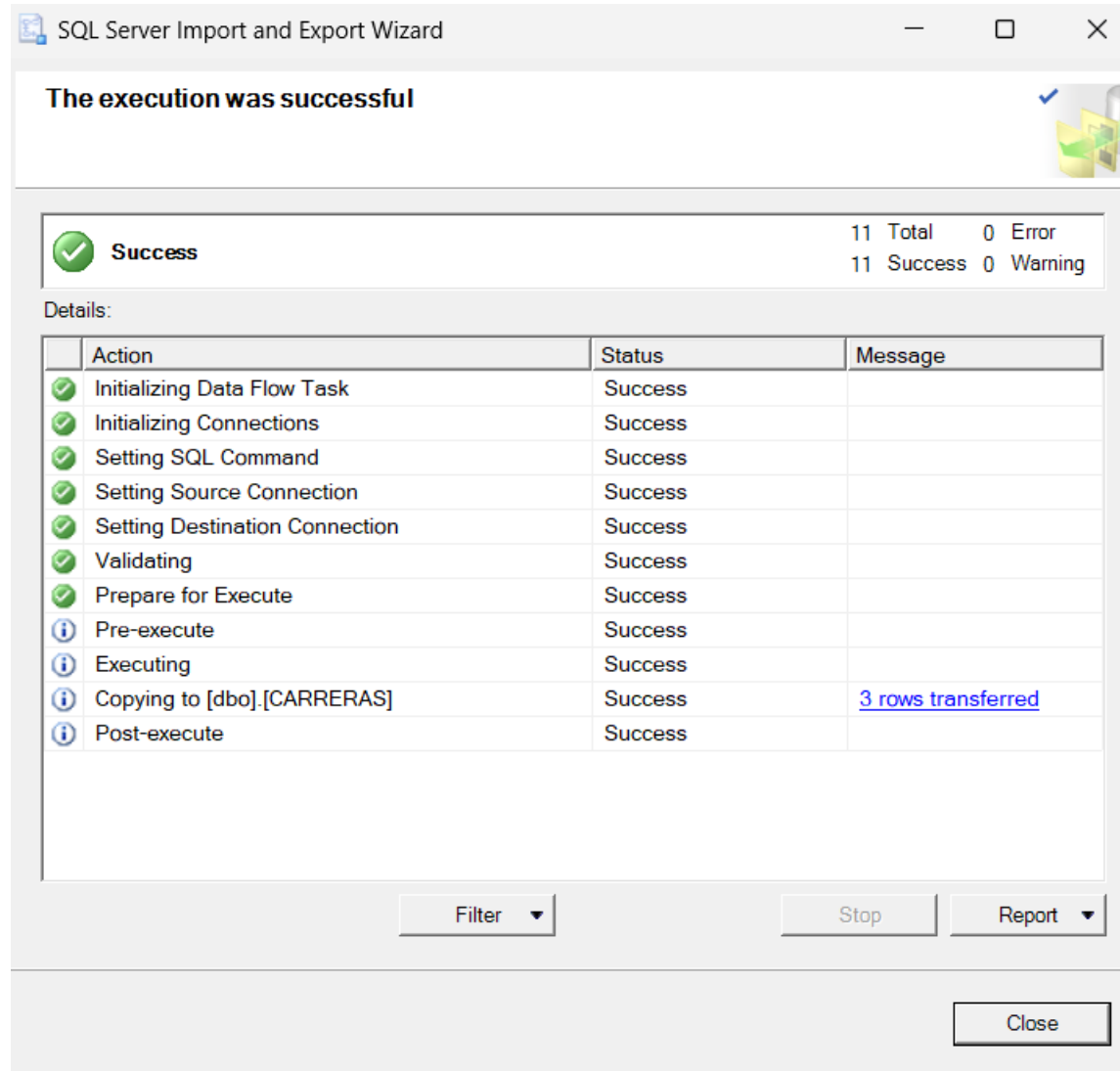
 **Complete the Wizard**
Verify the choices made in the wizard and click Finish.

Click Finish to perform the following actions:

Destination Location : PF453BJL
Destination Provider : SQLOLEDB

- Copy rows from G:\UST-Gestion_Base_de_Datos\query_clases\files\carreras.txt to [dbo].[CARRERAS]
The new rows will be appended to the existing table.
- The package will not be saved.
- The package will be run immediately.

Help < Back Next > Finish Cancel



```
32 -- Cargar tabla csv: CARRERAS en CARRERAS
33 -- Consultar carga de datos
34
35 SELECT *
36 FROM CARRERAS;
```

Results Messages

COD_CARRERA	NOMBRE_CARRERA
1001	AUDITORIA
1002	CONTROL_GESTION
1003	ING_COMERCIAL

Origen de datos: .csv

Insertar datos en tabla ESTUDIANTES

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General
Columns
Advanced
Preview

Select a file and specify the file properties and the file format.

File name: G:\UST-Gestion_Base_de_Datos\query_clase Browse...

Locale: Español (Chile) ☐ Unicode

Code page: 1252 (ANSI - Latin I)


Format: Delimited

Text qualifier: <none>

Header row delimiter: {CR}{LF}

Header rows to skip: 0

☒ Column names in the first data row

 Columns are not defined for this connection manager.

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

General

Columns

Advanced

Preview

Data source:

Flat File Source

Specify the characters that delimit the source file:

Row delimiter:

{CR}{LF}

Column delimiter:

Semicolon (;)

Preview rows 2-5:

COD_ESTUDIA...	NOMBRE_EST...	APELLIDO_1	APELLIDO_2
100	DAVID	PENA	LOPEZ
101	ANGELA	ATENAS	GARAY
102	ROBERTO	PEREZ	REYES
103	ANA	ORELLANA	BARRETO

Refresh

Reset Columns

Help

< Back

Next >

Finish >>|

Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General

Columns

Advanced

Preview

Configure the properties of each column.

COD_ESTUDIANTE

NOMBRE_ESTUDIANTE

APELLIDO_1

APELLIDO_2

Varios

Name

COD_ESTUDIANTE

ColumnDelimiter

Semicolon (;)

ColumnType

Delimited

InputColumnWidth

0

DataPrecision

0

DataScale

0

DataType

four-byte signed int_

OutputColumnWidth

0

TextQualified

True

New

Delete

Suggest Types...

Help

< Back

Next >

Finish >>

Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General
Columns
Advanced
Preview

Configure the properties of each column.

COD_ESTUDIANTE	
NOMBRE_ESTUDIANTE	
APELLIDO_1	
APELLIDO_2	

Varios

Name	NOMBRE_ESTUDIANTE
ColumnDelimiter	Semicolon (;)
ColumnType	Delimited
InputColumnWidth	0
DataPrecision	0
DataScale	0
DataType	string [DT_STR]
OutputColumnWidth	30
TextQualified	True

OutputColumnWidth
The width of this column in the data flow, given in single characters. Composite characters ma..

New ▼ Delete Suggest Types...

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General
Columns
Advanced
Preview

Configure the properties of each column.

COD_ESTUDIANTE
NOMBRE_ESTUDIANTE
APELLIDO_1
APELLIDO_2

Varios

Name	APELLIDO_1
ColumnDelimiter	Semicolon (;)
ColumnType	Delimited
InputColumnWidth	0
DataPrecision	0
DataScale	0
DataType	string [DT_STR]
OutputColumnWidth	30
TextQualified	True

OutputColumnWidth
The width of this column in the data flow, given in single characters. Composite characters ma..

New ▼ Delete Suggest Types...

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Choose a Data Source

Select the source from which to copy data.

Data source: Flat File Source

General

Columns

Advanced

Preview

Configure the properties of each column.

COD_ESTUDIANTE

NOMBRE_ESTUDIANTE

APELLIDO_1

APELLIDO_2

New

Delete

Suggest Types...

Varios

Name

ColumnDelimiter

ColumnType

InputColumnWidth

DataPrecision

DataScale

DataType

OutputColumnWidth

TextQualified

APELLIDO_2

{CR}{LF}

Delimited

0

0

0

string [DT_STR]

30

True

OutputColumnWidth

The width of this column in the data flow, given in single characters. Composite characters ma..

Help

< Back


Next >

Finish >>|

Cancel

SQL Server Import and Export Wizard

Choose a Destination
Specify where to copy data to.

Destination:  Microsoft OLE DB Provider for SQL Server

Server name:


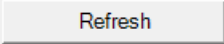
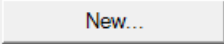
Authentication

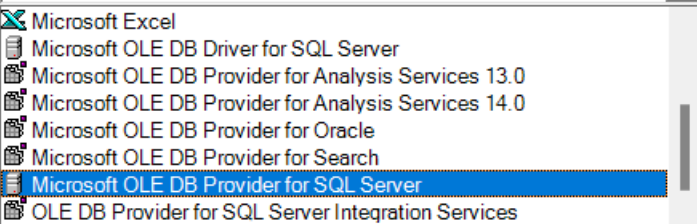
☒ Use Windows Authentication

☐ Use SQL Server Authentication

User name:

Password:

Database:  UST_ICG_2023  Refresh  New...



Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Select Source Tables and Views

Choose one or more tables and views to copy.

Tables and views:

<input checked="" type="checkbox"/> Source:	Destination: PF453BJL
<input checked="" type="checkbox"/> G:\UST-Gestion_Base_de_Datos\query_cl...	[dbo].[estudiante] [dbo].[CARRERAS] [dbo].[CATEDRAS] [dbo].[ESTUDIANTES] [dbo].[NOTAS]

Edit Mappings... Preview...

Help < Back Next > Finish >>| Cancel

SQL Server Import and Export Wizard

Save and Run Package

Indicate whether to save the SSIS package.

☒ Run immediately

☐ Save SSIS Package

☒ SQL Server

☐ File system

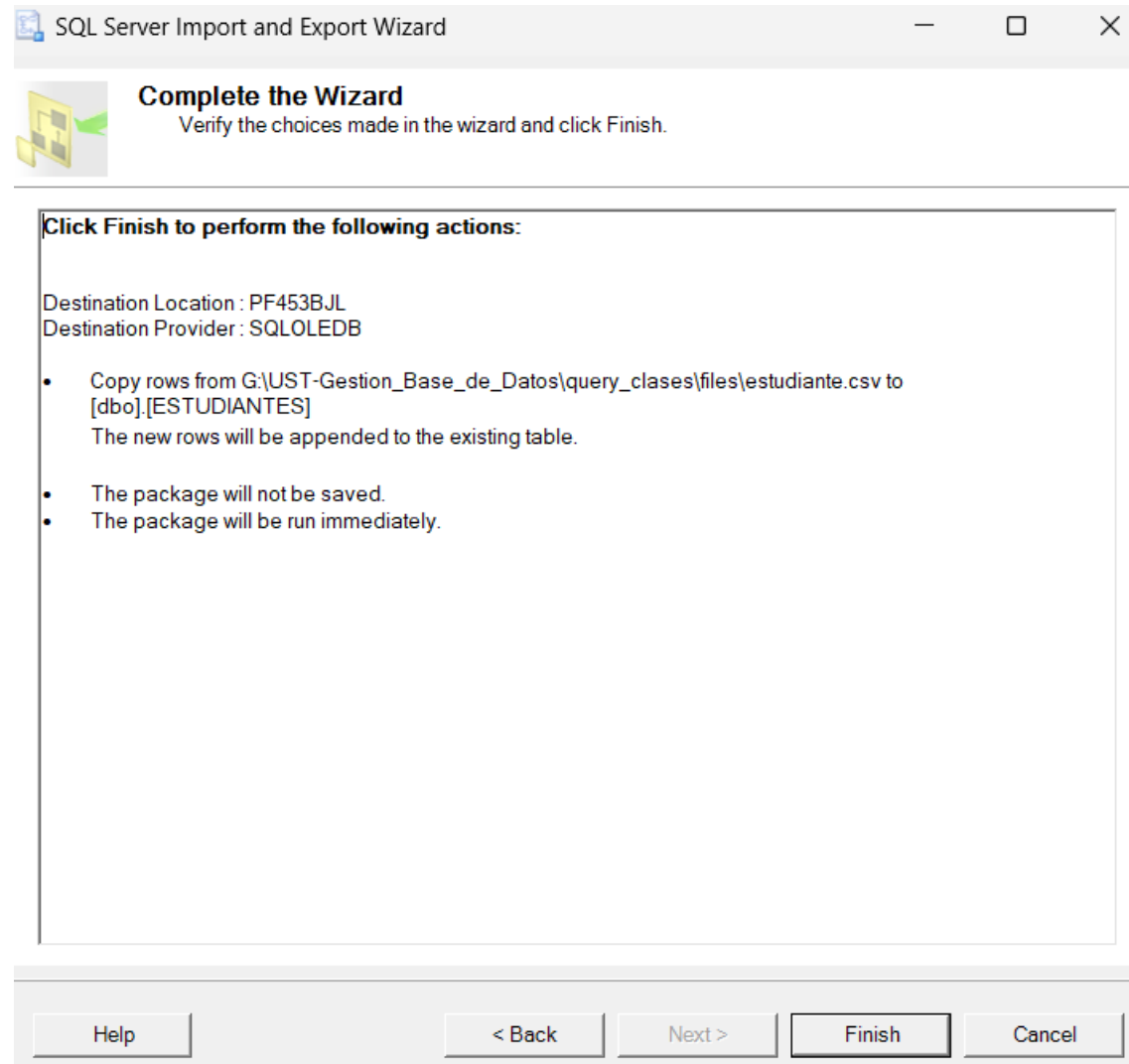
Package protection level:

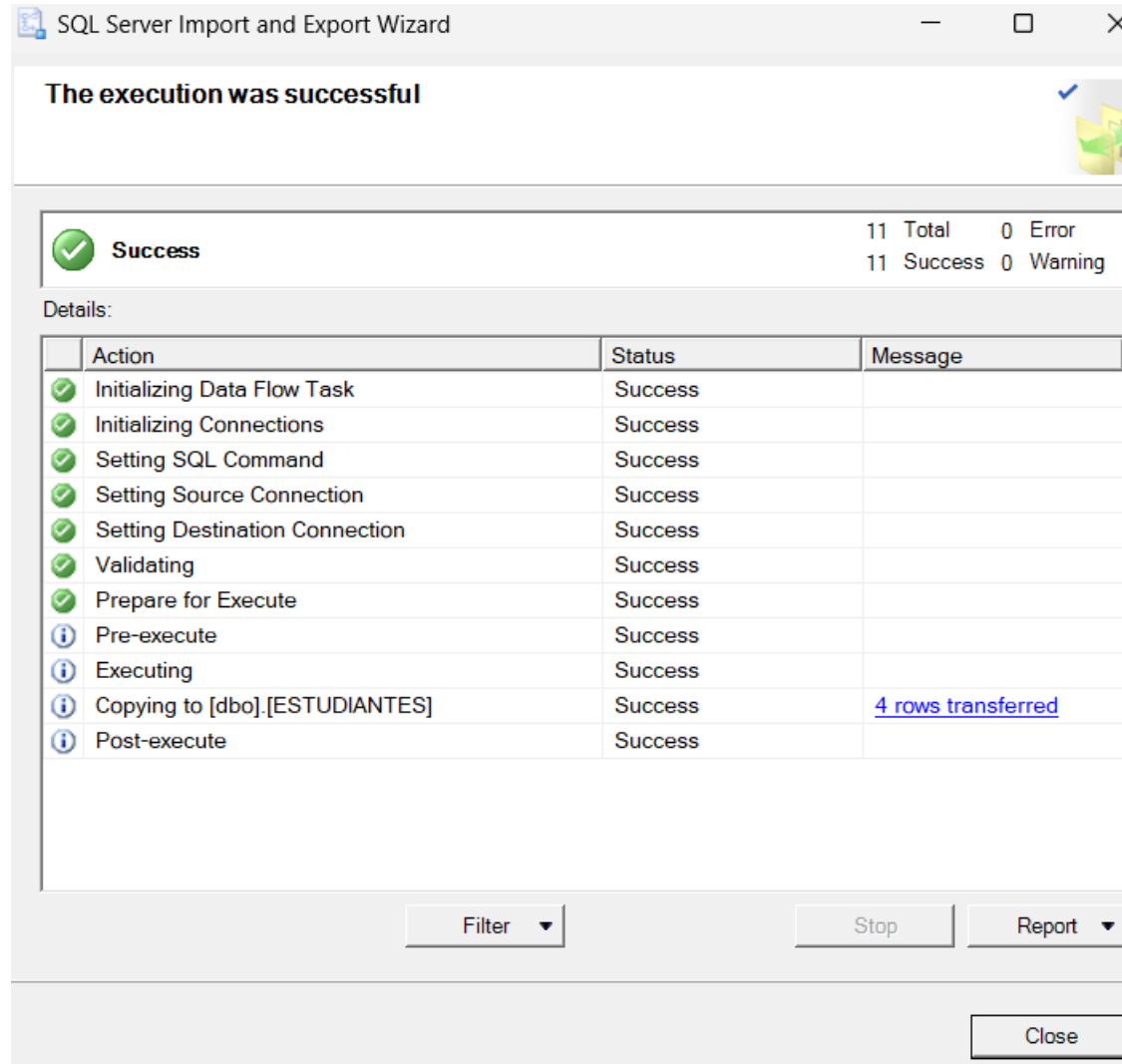
Encrypt sensitive data with user key

Password:

Retype password:

Help < Back Next > Finish >>| Cancel





```

38 -- Cargar tabla txt: estudiante en ESTUDIANTES
39 -- Consultar carga de datos
40 SELECT *
41 FROM ESTUDIANTES;
42

```

0 %

Results Messages

COD_ESTUDIANTE	NOMBRE_ESTUDIANTE	APELLIDO_1	APELLIDO_2
100	DAVID	PENA	LOPEZ
101	ANGELA	ATENAS	GARAY
102	ROBERTO	PEREZ	REYES
103	ANA	ORELLANA	BARRETO

Origen de datos: .sql

Insertar datos en tabla NOTAS

20231011-Drop_Alter_PK_FK.sql - PF453BJLUST_ICG_2023 (CONTRALORIA\lcuevasp (60))* - Microsoft SQL Server Management Studio

Quick Launch (Ctrl+Q)

FileEditViewQueryProjectToolsWindowHelp

Connect Object Explorer...

Disconnect Object Explorer

New

Open

Add

Close

Close Solution

Save 20231011-Drop_Alter_PK_FK.sqlCtrl+S

Save 20231011-Drop_Alter_PK_FK.sql As...

Save AllCtrl+Shift+S

View in BrowserCtrl+Shift+W

Browse With...

Page Setup...

Print...Ctrl+P

Recent Files

Recent Projects and Solutions

ExitAlt+F4

Project/Solution...Ctrl+Shift+O

Folder...Ctrl+Shift+Alt+O

Merge Extended Event Files...

Merge Audit Files...

Vulnerability Assessment...

File...Ctrl+O

Analysis Services Database...

File with New Connection...

File Disconnected...

Policy

20231004-Consultas_RIA\lcuevasp (57)*

20231011-Drop_Alt...RIA\lcuevasp (60))*

en ESTUDIANTES

NOTAS

ReportServerTempDB

test

test_db

UST_ICG_2023

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.CARRERAS

dbo.CATEDRAS

dbo.ESTUDIANTES

Columns

COD_ESTUDIANTE (PK, int, not null)

NOMBRE_ESTUDIANTE (varchar(30), not null)

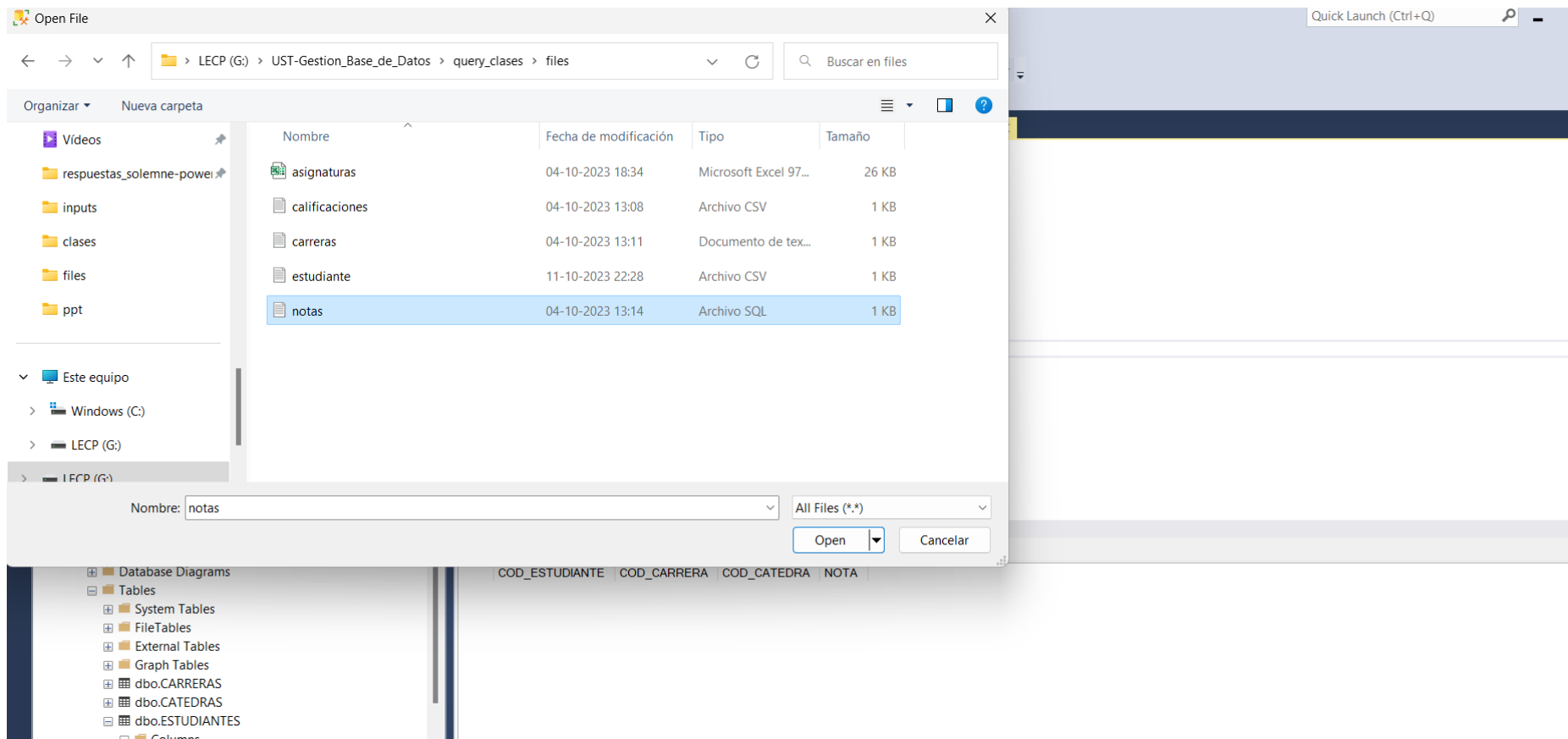
APELLIDO_1 (varchar(30), not null)

APELLIDO_2 (varchar(30), not null)

100 %

ResultsMessages

COD_ESTUDIANTECOD_CARRERACOD_CATEDRANOTA



notas.sql - PF453BJLUST_ICG_2023 (CONTRALORIA\lcuevasp (78))* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

UST_ICG_2023 Execute

Object Explorer

Connect

- institute
- Northwind
- PCVENTAS
- PCVENTAS_DH
- pcventas2
- PEDIDOS
- PUC
- ReportServer
- ReportServerTempDB
- test
- test_db
- UST_ICG_2023
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.CARRERAS
 - dbo.CATEDRAS
 - dbo.ESTUDIANTES
 - Columns
 - COD_ESTUDIANTE (PK, int, not null)
 - NOMBRE_ESTUDIANTE (varchar(30), not null)
 - APELLIDO_1 (varchar(30), not null)
 - APELLIDO_2 (varchar(30), not null)
 - Keys
 - Constraints

notas.sql - PF453BJLUST_ICG_2023 (CONTRALORIA\lcuevasp (78))*

```
1 USE [UST_ICG_2023]
2 GO
3
4 -- NOTAS
5 INSERT INTO NOTAS(COD_ESTUDIANTE, COD_CARRERA, COD_CATEDRA, NOTA)
6 VALUES (100, 1001, 'MAT-101', 5.6),
7         (100, 1001, 'BD-102', 6.5),
8         (100, 1001, 'ING-103', 6.1),
9         (101, 1002, 'BD-102', 6.3),
10        (101, 1002, 'ING-103', 5.2),
11        (102, 1003, 'MAT-101', 5.3),
12        (103, 1002, 'ING-103', 5.8);
```

100 %

Messages

(7 rows affected)

Completion time: 2023-10-11T22:40:57.6074276-03:00

```

44 -- Cargar tabla .sql: notas en NOTAS
45 -- Consultar carga de datos
46 SELECT *
47 FROM NOTAS;

```

%				
Results Messages				
COD_ESTUDIANTE	COD_CARRERA	COD_CATEDRA	NOTA	
100	1001	MAT-101	5,6	
100	1001	BD-102	6,5	
100	1001	ING-103	6,1	
101	1002	BD-102	6,3	
101	1002	ING-103	5,2	
102	1003	MAT-101	5,3	
103	1002	ING-103	5,8	