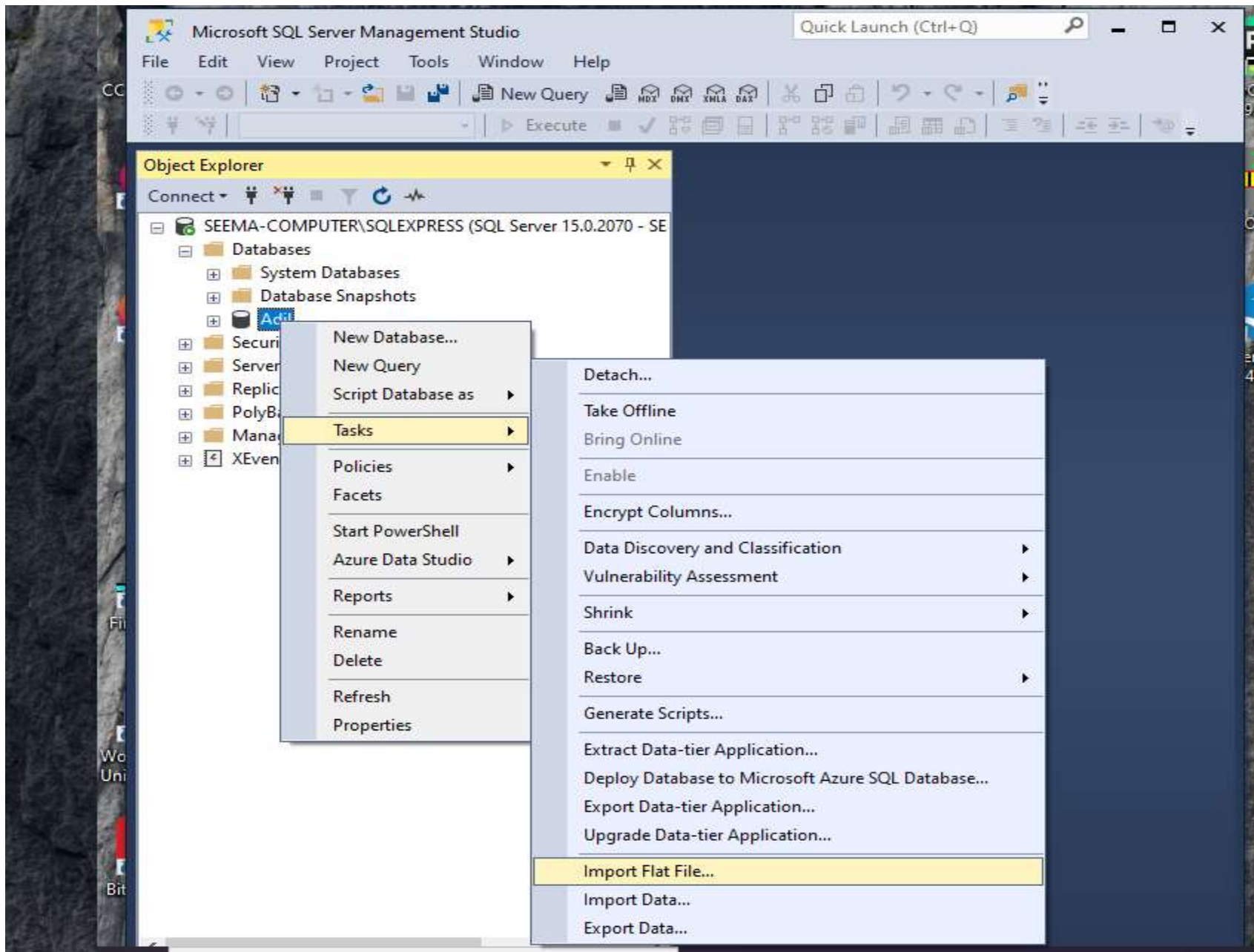


# Course Review Project

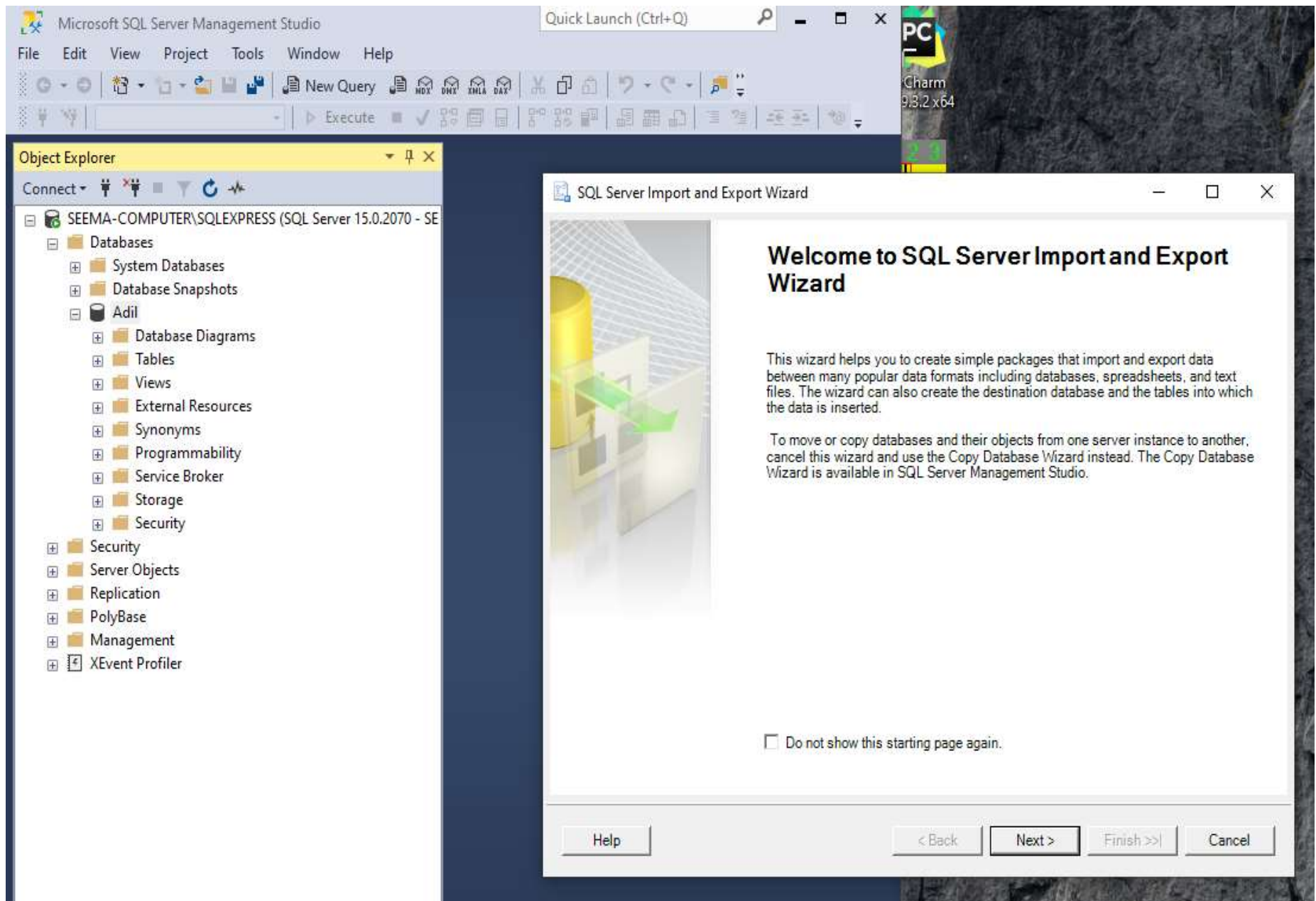
---

- Use “Grade Record” dataset (either use the entire dataset or the first 50 record).
- Create a master table that will hold your entire dataset.
- Normalize the dataset into third normal form.
- Identify primary and foreign keys for your tables.
- Use JOIN to create a consolidated table.
- Present your code to class.

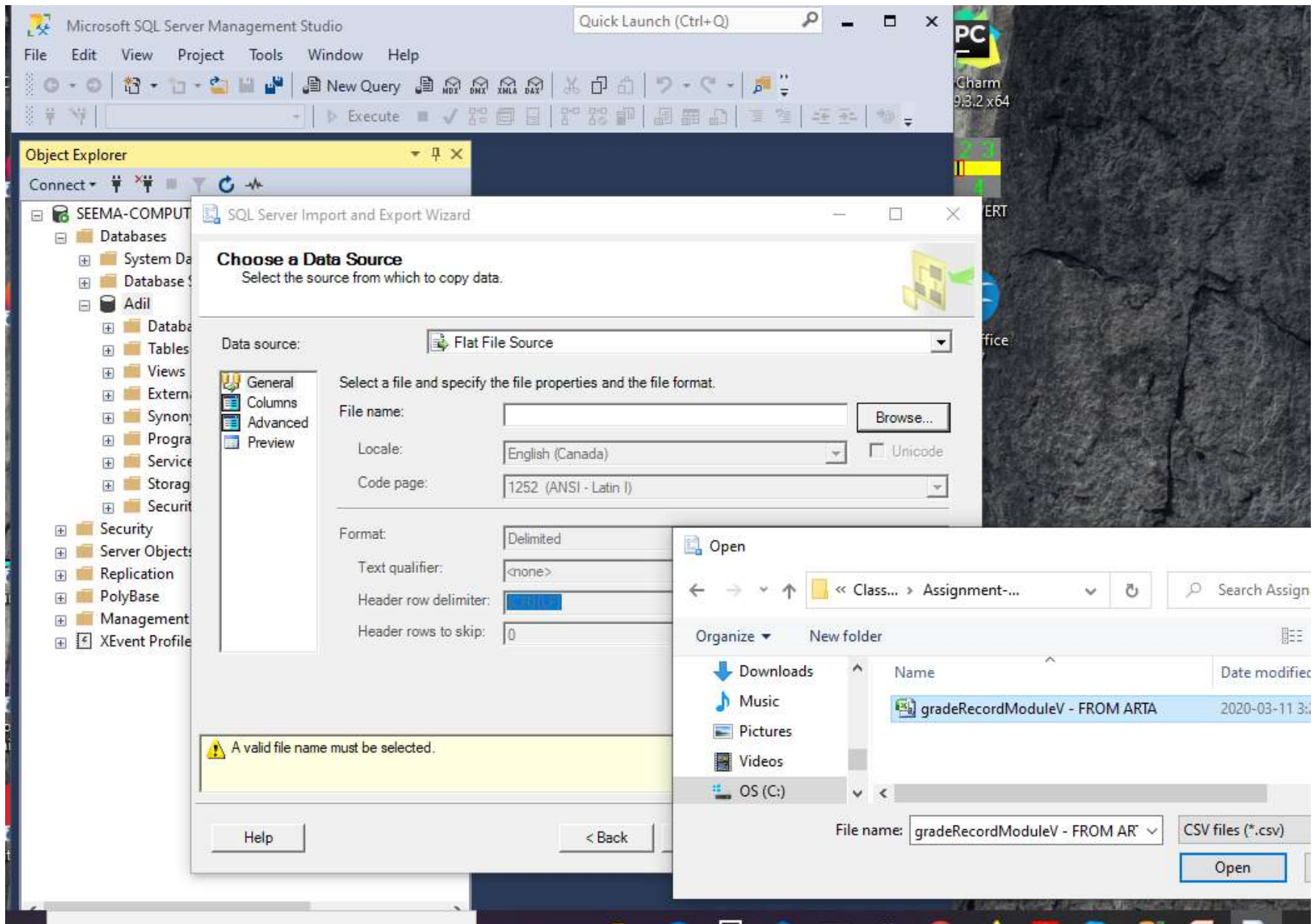
# IMPORTING DATASET FILE



# IMPORTING DATASET FILE

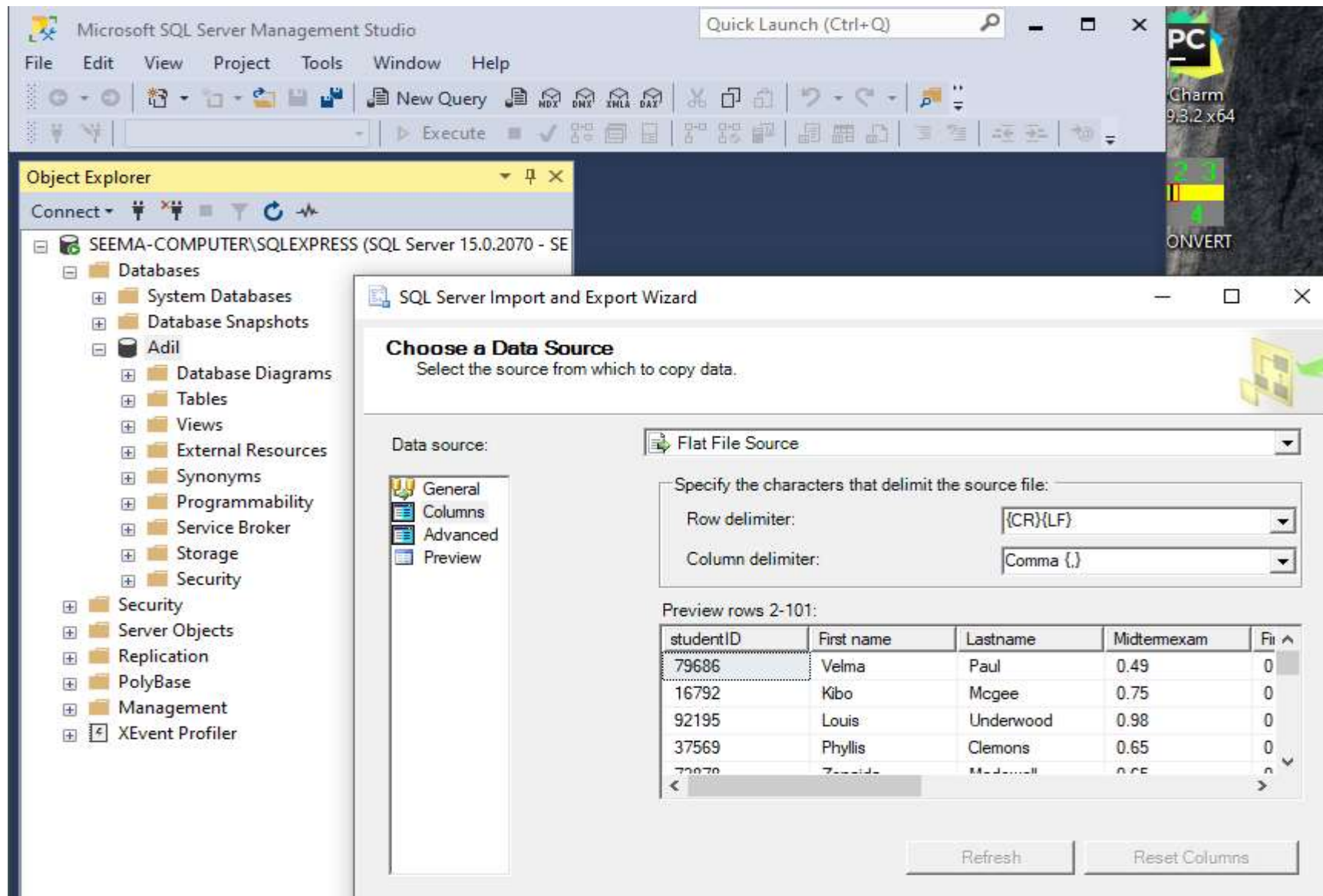


# IMPORTING DATASET FILE

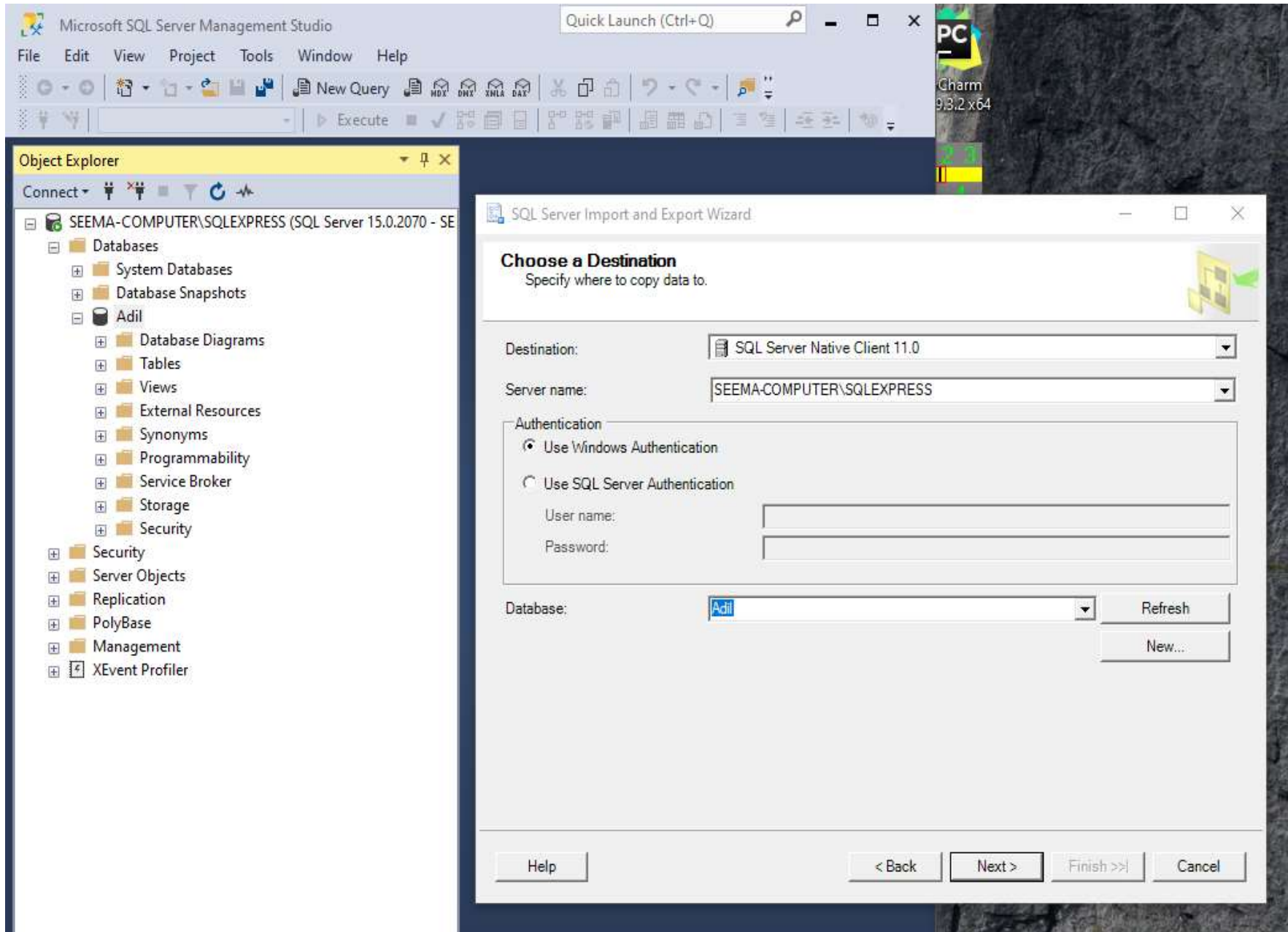




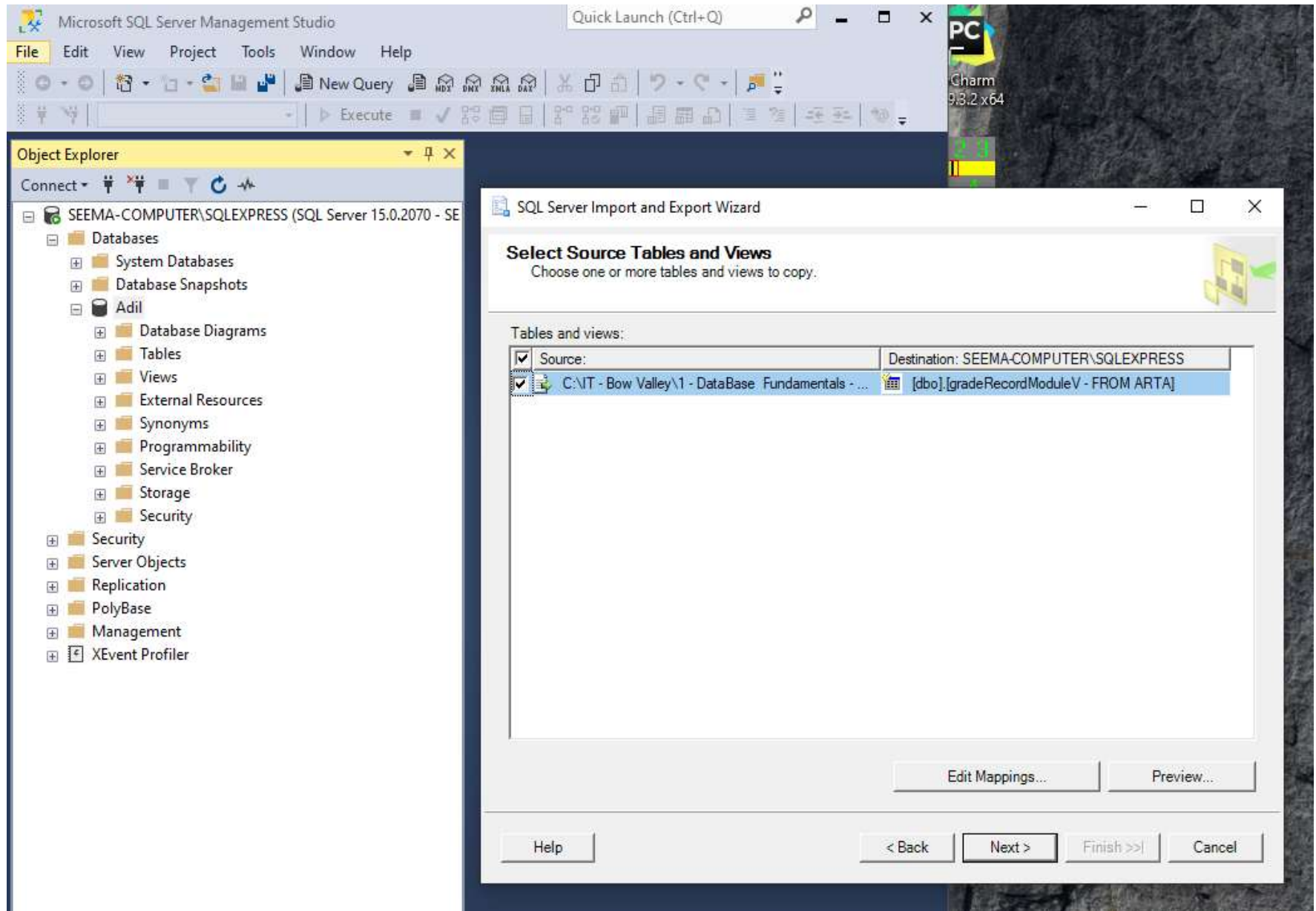
# IMPORTING DATASET FILE



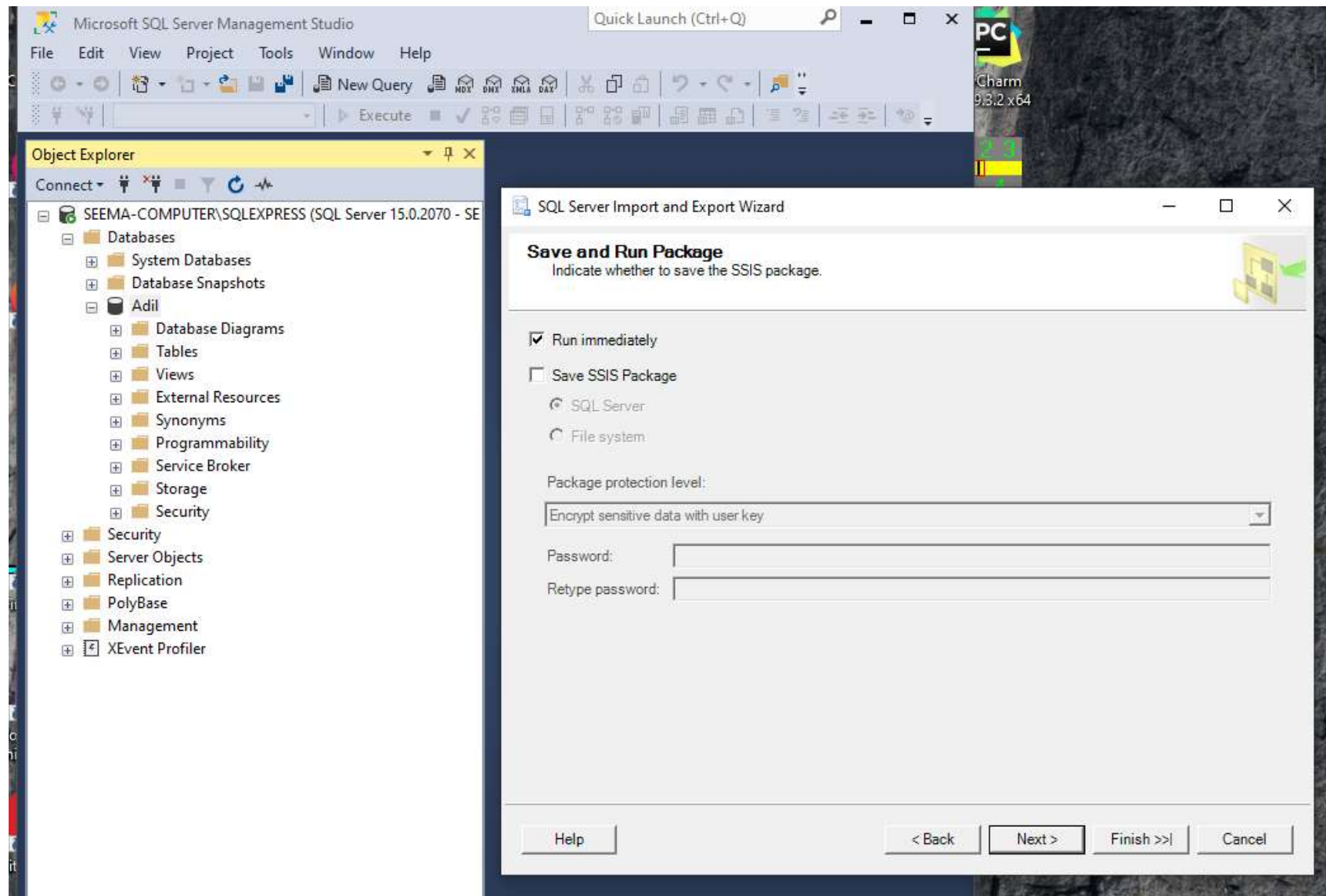
# IMPORTING DATASET FILE



# IMPORTING DATASET FILE

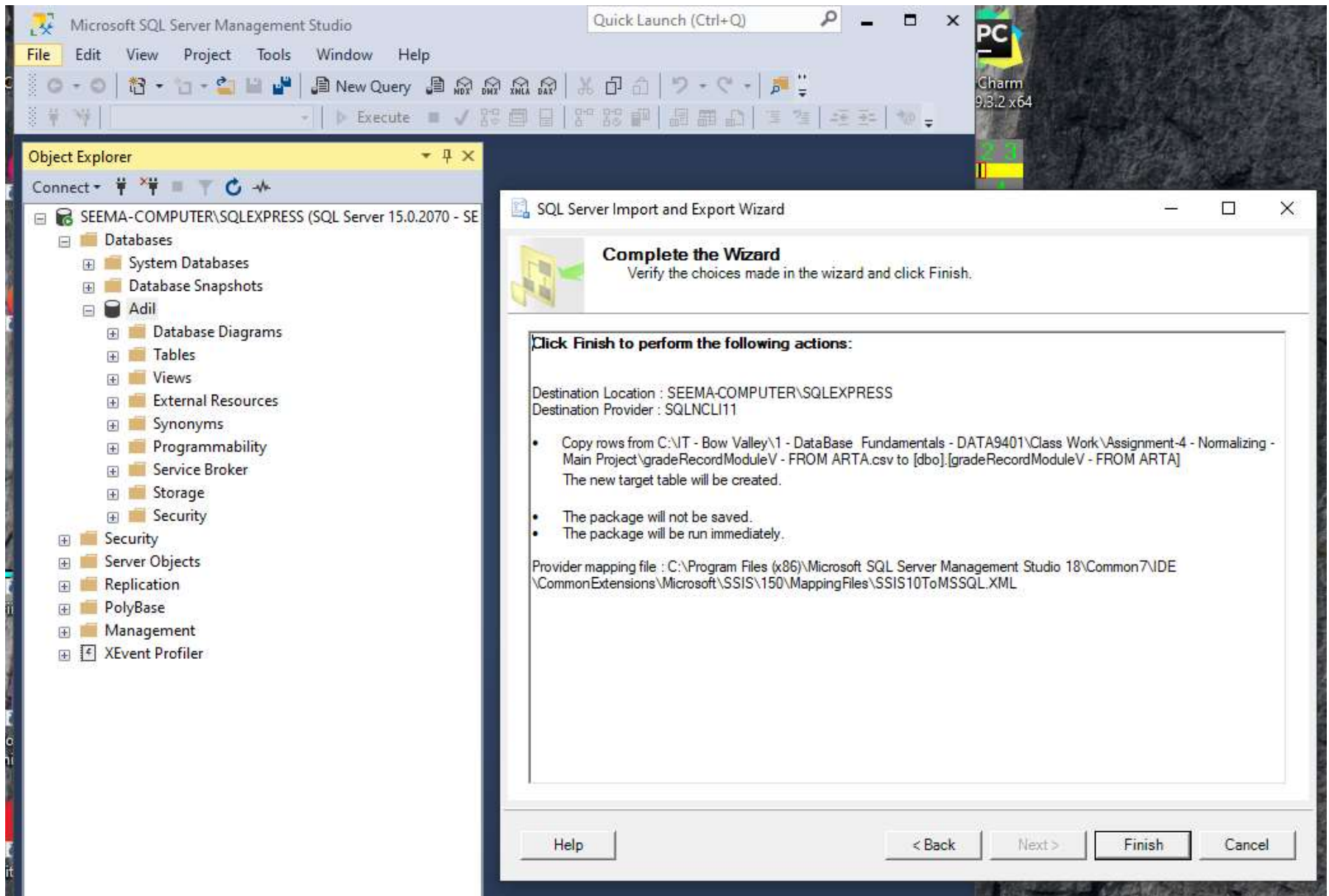


# IMPORTING DATASET

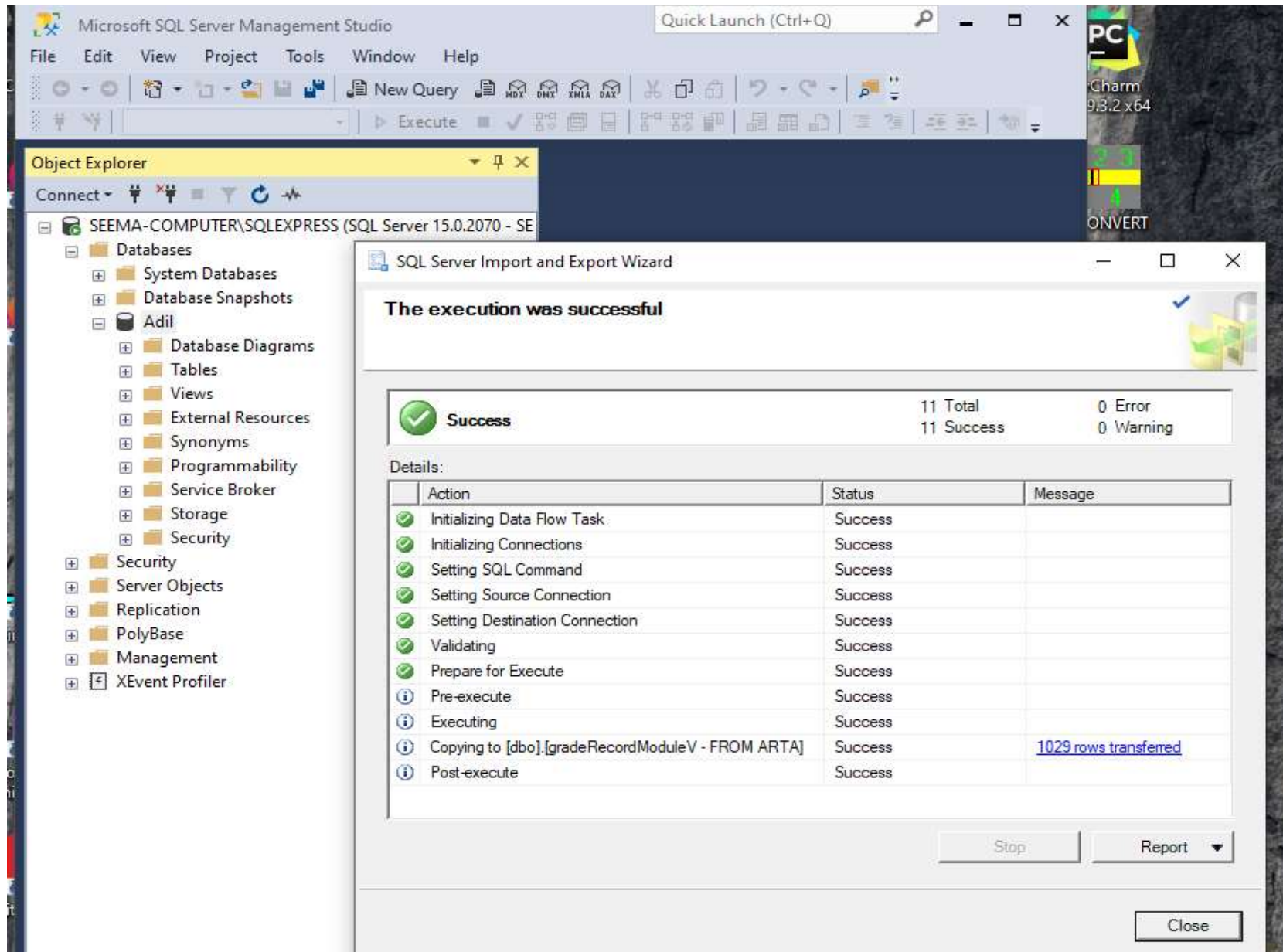




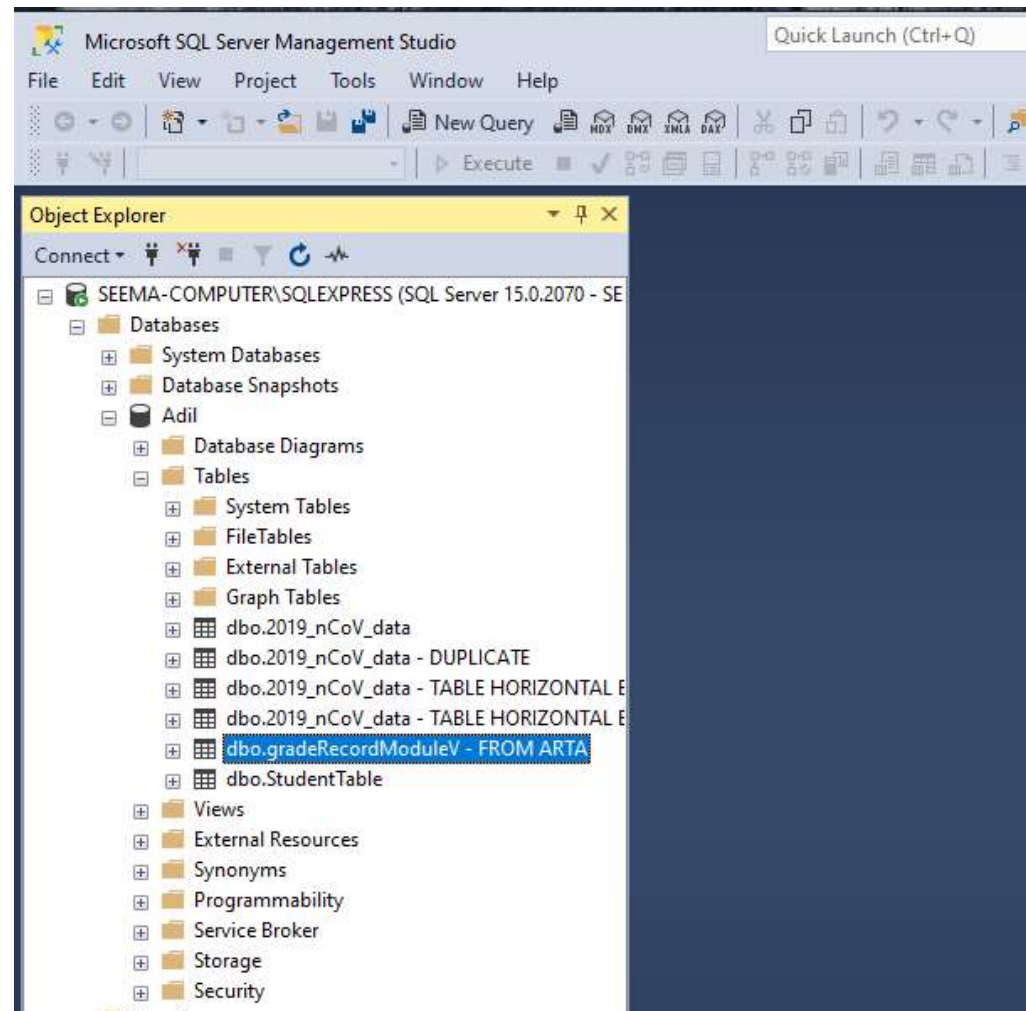
# IMPORTING DATASET FILE



# IMPORTING DATASET FILE



# IMPORTING DATASET FILE



# IMPORTING DATASET FILE

SQLQuery1.sql - SEEMA-COMPUTER\SQLEXPRESS.Adil (SEEMA-COMPUTER\Kishwar Seema (57))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Adil Execute

Object Explorer

Connect

SEEMA-COMPUTER\SQLEXPRESS (SQL Server 15.0.2070 - SEEMA-COMPUTER\Kishwar Seema (57))

- Databases
  - System Databases
  - Database Snapshots
  - Adil
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.2019\_nCoV\_data
      - dbo.2019\_nCoV\_data - DUPLICATE
      - dbo.2019\_nCoV\_data - TABLE HORIZONTAL BRE
      - dbo.2019\_nCoV\_data - TABLE HORIZONTAL BRE
      - dbo.gradeRecordModuleV - FROM ARTA
      - dbo.StudentTable
    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security
  - Security
  - Server Objects
  - Replication
  - PolyBase
  - Management
  - XEvent Profiler

SQLQuery1.sql - SE...Kishwar Seema (57)\*

```
select * from dbo.[gradeRecordModuleV - FROM ARTA]
```

Results

	studentID	First name	Lastname	Midtermexam	Finalexam	assignment1	assignment2	Totalpoints	Studentaverage	Grade
1	79686	Velma	Paul	0.66	0.59	0.78	0.78	252	0.63	D
2	16792	Kibo	Mcgee	0.75	0.75	0.68	0.66	284	0.71	C-
3	92195	Louis	Underwood	0.98	0.44	0.67	0.42	251	0.63	D-
4	37569	Phyllis	Clemons	0.65	0.45	0.65	0.55	230	0.58	F
5	72878	Zenaida	Modowell	0.65	0.54	0.65	0.54	238	0.6	F
6	66144	Gillian	Tillman	0.48	0.86	0.48	0.86	268	0.67	D+
7	26685	Constance	Decker	0.86	0.45	0.86	0.45	262	0.66	D
8	65254	Giselle	Lancaster	0.75	0.65	0.75	0.65	280	0.7	C-
9	30143	Kirsten	Walker	0.45	0.49	0.45	0.56	195	0.49	F
10	90184	Bob	Underwood	0.32	0.52	0.32	0.52	168	0.42	F
11	94732	Sem	Boone	0.45	0.63	0.45	0.63	216	0.54	F
12	15508	Kibo	Underwood	0.98	0.78	0.98	0.78	352	0.88	B+
13	91913	Lucy	Rivett	1	0.85	1	0.85	370	0.93	A-
14	88540	Artur	Lancaster	0.45	0.54	0.45	0.54	198	0.5	F
15	70019	Taylor	Henstridge	0.55	0.52	0.55	0.52	214	0.54	F
16	68803	Sue	Tebbett	0.61	0.52	0.61	0.52	226	0.57	F
17	35553	John	Henstridge	0.78	0.71	0.78	0.71	298	0.75	C
18	94586	Lucas	Mcgee	0.68	0.84	0.68	0.84	304	0.76	C+
19	31322	Tony	Shade	0.88	0.9	0.88	0.9	356	0.89	B+
20	20335	Cutler	Melmore	0.94	0.69	0.94	0.69	326	0.82	B-
21	55147	Emma	Flooks	0.89	0.75	0.89	0.75	328	0.82	B-
22	99424	Lindo	Scala	0.55	0.43	0.55	0.43	196	0.49	F
23	47276	Paul	Guerre	0.45	0.65	0.45	0.65	220	0.55	F
24	86713	Sean	Benadette	0.33	0.65	0.33	0.65	196	0.49	F
25	94888	Zehra	Tolomelli	0.44	0.78	0.44	0.78	244	0.61	D-
26	62417	William	Tillman	0.89	0.45	0.89	0.45	268	0.67	D+
27	99679	Alejandro	Boone	0.74	0.79	0.74	0.79	306	0.77	C+
28	52155	Patrick	Lancaster	0.58	0.48	0.45	0.65	216	0.54	F
29	62423	Junior	Modowell	0.45	0.69	0.55	0.72	241	0.6	D-
30	54266	Lonnie	Tebbett	0.49	0.66	0.59	0.78	252	0.63	D

Query executed successfully.

SEEMA-COMPUTER\SQLEXPRESS (... SEEMA-COMPUTER\Kishwar... Adil 00:00:00 1,029 rows



# SPLITTING TABLE IN 50 ROWS

SET ROWCOUNT 50

```
SELECT * INTO [GradeRec-50]  
FROM dbo.[gradeRecordModuleV - FROM ARTA]  
SELECT * FROM [GradeRec-50]
```

SQLQuery1.sql - SEEMA-COMPUTER\SQLEXPRESS.Adil (SEEMA-COMPUTER\Kishwar Seema (57))\* - Microsoft SQL Server Management Studio

Object Explorer: SEEMA-COMPUTER\SQLEXPRESS (SQL Server 15.0.2070 - SEEMA-COMPUTER\Kishwar Seema (57))

Query Window: SQLQuery1.sql - SE...Kishwar Seema (57))\*

```
SET ROWCOUNT 50  
SELECT * INTO [GradeRec-50]  
FROM dbo.[gradeRecordModuleV - FROM ARTA]  
SELECT * FROM [GradeRec-50]
```

Results (11 columns, 29 rows):

	studentID	First name	Lastname	Midtermexam	Finalexam	assignment1	assignment2	Totalpoints	Studentaverage	Grade
4	37569	Phyllis	Clemons	0.65	0.45	0.65	0.55	230	0.58	F
5	72878	Zenaida	Mcdowell	0.65	0.54	0.65	0.54	238	0.6	F
6	66144	Gillian	Tillman	0.48	0.86	0.48	0.86	268	0.67	D+
7	26685	Constance	Decker	0.86	0.45	0.86	0.45	262	0.66	D
8	65254	Giselle	Lancaster	0.75	0.65	0.75	0.65	280	0.7	C-
9	30143	Kirsten	Walker	0.45	0.49	0.45	0.56	195	0.49	F
10	90184	Bob	Underwood	0.32	0.52	0.32	0.52	168	0.42	F
11	94732	Sem	Boone	0.45	0.63	0.45	0.63	216	0.54	F
12	15508	Kibo	Underwood	0.98	0.78	0.98	0.78	352	0.88	B+
13	91913	Lucy	Rivett	1	0.85	1	0.85	370	0.93	A-
14	88540	Artur	Lancaster	0.45	0.54	0.45	0.54	198	0.5	F
15	70019	Taylor	Henstridge	0.55	0.52	0.55	0.52	214	0.54	F
16	68803	Sue	Tebbett	0.61	0.52	0.61	0.52	226	0.57	F
17	35553	John	Henstridge	0.78	0.71	0.78	0.71	298	0.75	C
18	94586	Lucas	Mcgee	0.68	0.84	0.68	0.84	304	0.76	C+
19	31322	Tony	Shade	0.88	0.9	0.88	0.9	356	0.89	B+
20	20335	Cutler	Melmore	0.94	0.69	0.94	0.69	326	0.82	B-
21	55147	Emma	Flooks	0.89	0.75	0.89	0.75	328	0.82	B-
22	99424	Lindo	Scala	0.55	0.43	0.55	0.43	196	0.49	F
23	47276	Paul	Guerre	0.45	0.65	0.45	0.65	220	0.55	F
24	86713	Sean	Benadette	0.33	0.65	0.33	0.65	196	0.49	F
25	94888	Zehra	Tolomelli	0.44	0.78	0.44	0.78	244	0.61	D-
26	62417	William	Tillman	0.89	0.45	0.89	0.45	268	0.67	D+
27	99679	Alejandro	Boone	0.74	0.79	0.74	0.79	306	0.77	C+
28	52155	Patrick	Lancaster	0.58	0.48	0.45	0.65	216	0.54	F
29	62423	Junior	Mcdowell	0.45	0.69	0.55	0.72	241	0.6	D-

Query executed successfully. SEEMA-COMPUTER\SQLEXPRESS (... SEEMA-COMPUTER\Kishwar... Adil 00:00:00 50 rows

# DROPPING REDUNDANT COLUMN

ALTER TABLE [gradeRecordModuleV-COPY] DROP COLUMN Totalpoints  
SELECT \* from [gradeRecordModuleV-COPY]

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection is to 'S204713 (SQL Server 12.0.6024.0 - BVCEDU\student)'. The 'Object Explorer' on the left shows the database structure, with 'dbo.gradeRecordModuleV-COPY' selected under the 'Tables' folder. The 'Query Editor' in the center contains the following SQL script:

```
ALTER TABLE [gradeRecordModuleV-COPY] DROP COLUMN Totalpoints  
  
select * from [gradeRecordModuleV-COPY]
```

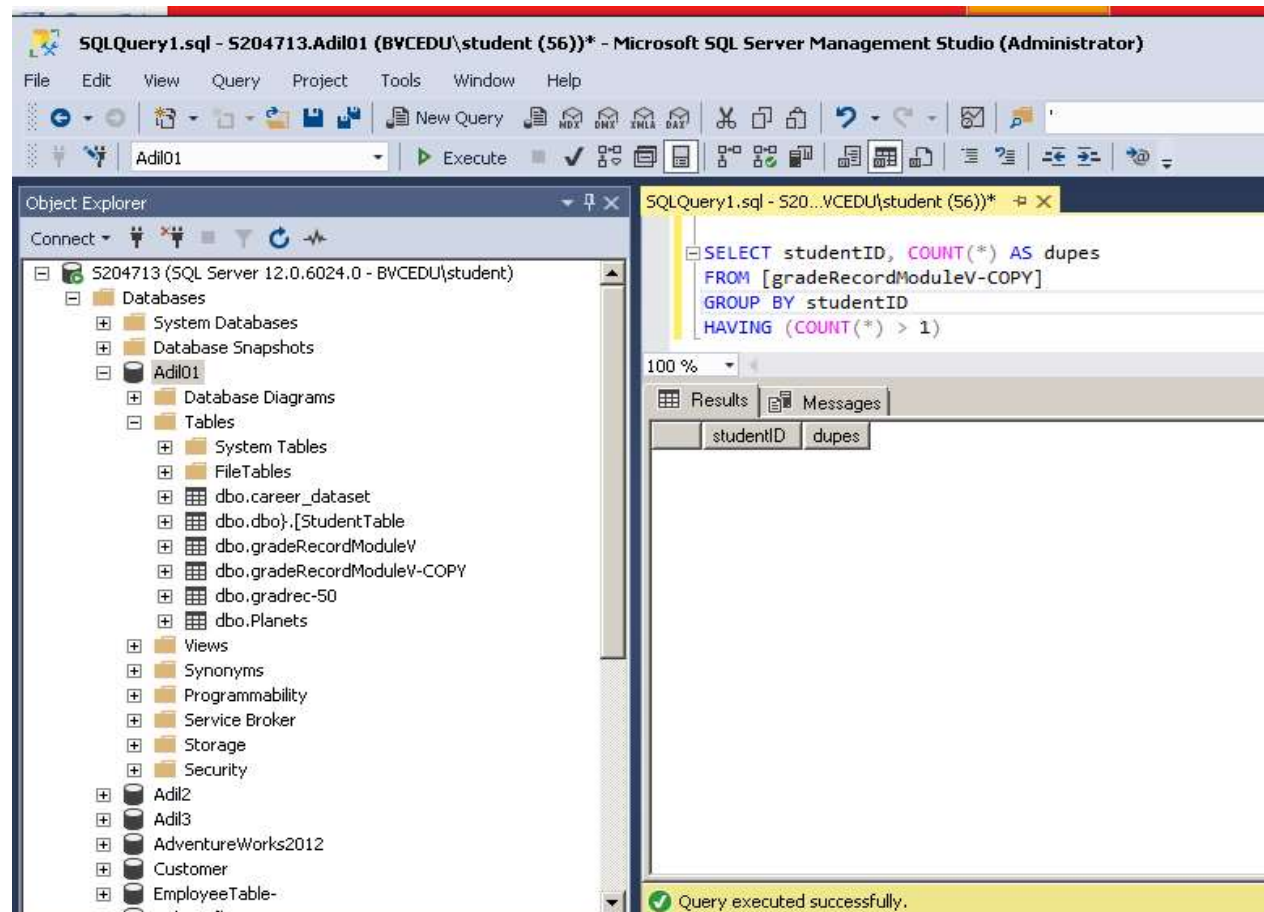
The 'Results' pane at the bottom shows the output of the query, displaying 30 rows of data with the following columns: studentID, First name, Lastname, Midtermexam, Finalexam, assignment1, assignment2, Studentaverage, and Grade. The status bar at the bottom confirms 'Query executed successfully.' and shows 50 rows of data.

	studentID	First name	Lastname	Midtermexam	Finalexam	assignment1	assignment2	Studentaverage	Grade
1	79686	Velma	Paul	0.49	0.66	0.59	0.78	0.63	D
2	16792	Kibo	Mcgee	0.75	0.75	0.68	0.66	0.71	C-
3	92195	Louis	Underwood	0.98	0.44	0.67	0.42	0.63	D-
4	37569	Phyllis	Clemons	0.65	0.45	0.65	0.55	0.58	F
5	72878	Zenaida	McDowell	0.65	0.54	0.65	0.54	0.6	F
6	66144	Gillian	Tillman	0.48	0.86	0.48	0.86	0.67	D+
7	26685	Constance	Decker	0.86	0.45	0.86	0.45	0.66	D
8	65254	Giselle	Lancaster	0.75	0.65	0.75	0.65	0.7	C-
9	30143	Kirsten	Walker	0.45	0.49	0.45	0.56	0.49	F
10	90184	Bob	Underwood	0.32	0.52	0.32	0.52	0.42	F
11	94732	Sem	Boone	0.45	0.63	0.45	0.63	0.54	F
12	15508	Kibo	Underwood	0.98	0.78	0.98	0.78	0.88	B+
13	91913	Lucy	Rivett	1	0.85	1	0.85	0.93	A-
14	88540	Artur	Lancaster	0.45	0.54	0.45	0.54	0.5	F
15	70019	Taylor	Henstridge	0.55	0.52	0.55	0.52	0.54	F
16	68803	Sue	Tebbett	0.61	0.52	0.61	0.52	0.57	F
17	35553	John	Henstridge	0.78	0.71	0.78	0.71	0.75	C
18	94586	Lucas	Mcgee	0.68	0.84	0.68	0.84	0.76	C+
19	31322	Tony	Shade	0.88	0.9	0.88	0.9	0.89	B+
20	20335	Cutler	Melmore	0.94	0.69	0.94	0.69	0.82	B-
21	55147	Emma	Flook	0.89	0.75	0.89	0.75	0.82	B-
22	99424	Lindo	Scala	0.55	0.43	0.55	0.43	0.49	F
23	47276	Paul	Guerre	0.45	0.65	0.45	0.65	0.55	F
24	86713	Sean	Benadette	0.33	0.65	0.33	0.65	0.49	F
25	94888	Zehra	Tolomelli	0.44	0.78	0.44	0.78	0.61	D-
26	62417	William	Tillman	0.89	0.45	0.89	0.45	0.67	D+
27	99679	Alejandro	Boone	0.74	0.79	0.74	0.79	0.77	C+
28	52155	Patrick	Lancaster	0.58	0.48	0.45	0.65	0.54	F
29	62423	Junior	McDowell	0.45	0.69	0.55	0.72	0.6	D-
30	54266	Lonnie	Tebbett	0.49	0.66	0.59	0.78	0.63	D

# CHECKING FOR DUPLICATE RECORDS

```
SELECT studentID, COUNT(*) AS dupes
FROM [gradeRecordModuleV-COPY]
GROUP BY studentID
HAVING (COUNT(*) > 1)
```

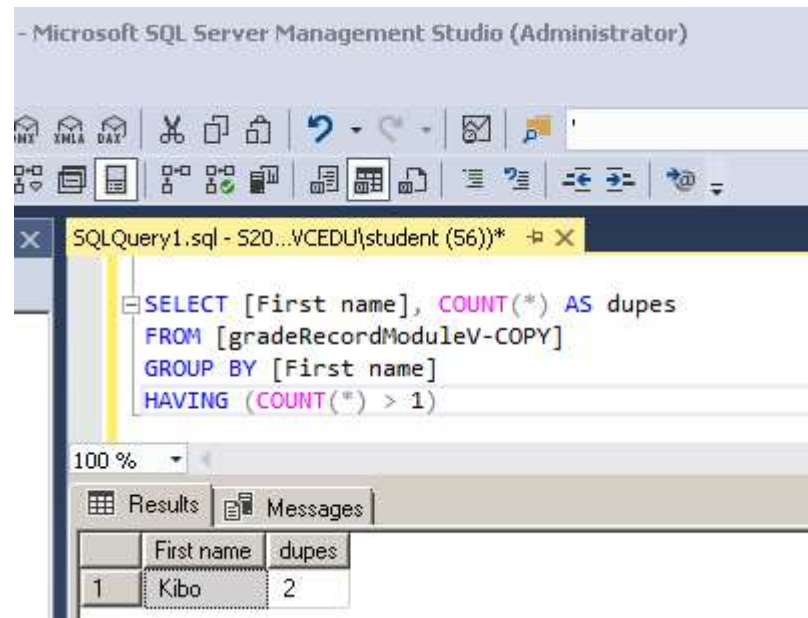
No Duplicate record found.



# CHECKING FOR DUPLICATE RECORDS

## Double Checking Duplicate Groups

```
SELECT [First name], COUNT(*) AS dupes  
FROM [gradeRecordModuleV-COPY]  
GROUP BY [First name]  
HAVING (COUNT(*) > 1)
```



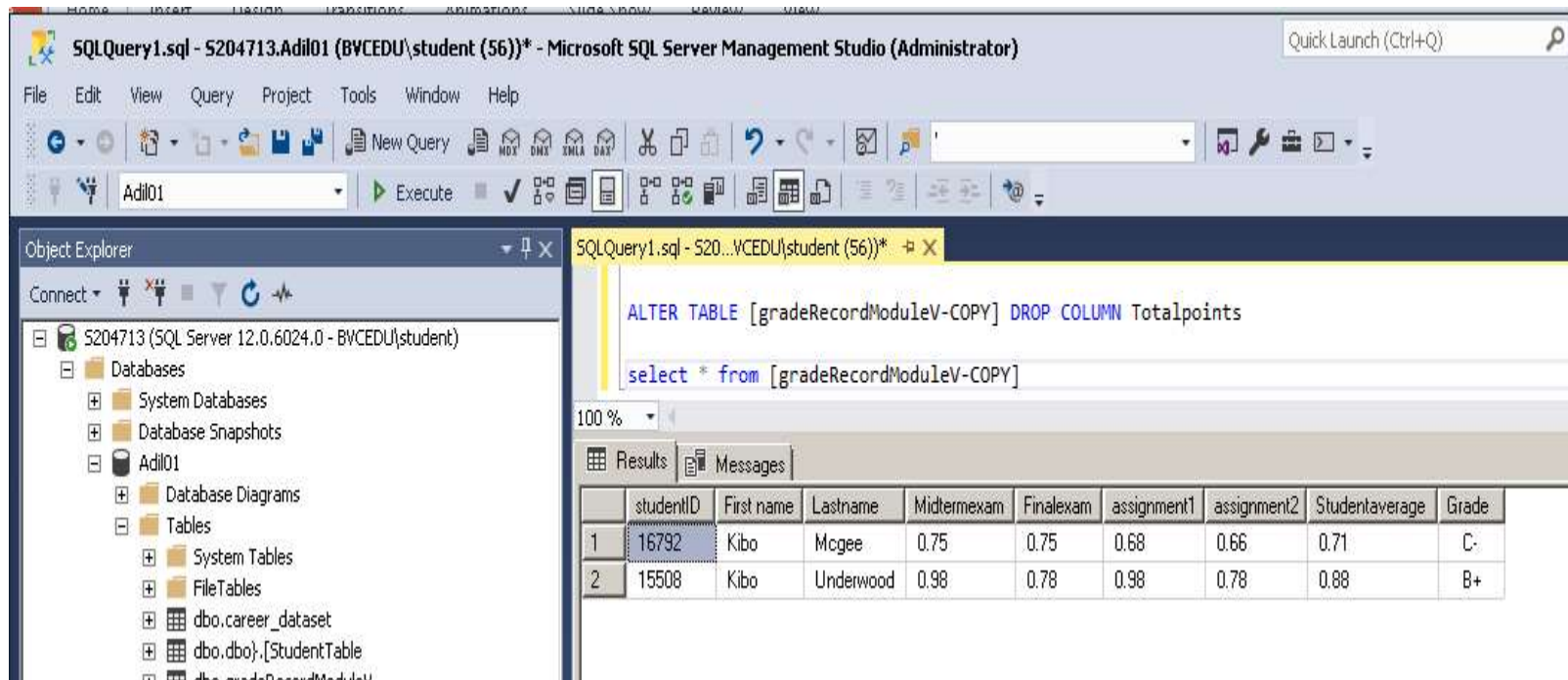


# CHECKING FOR DUPLICATE RECORDS

## Checking Duplicate Groups

```
select * from [gradeRecordModuleV-COPY]
where [First name] = 'Kibo'
```

No Duplicate record found because the 2nd name is different.



The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the file is 'SQLQuery1.sql - S204713.Adil01 (BVCEdu\student (56))\* - Microsoft SQL Server Management Studio (Administrator)'. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and formatting. The Object Explorer on the left shows the server 'S204713 (SQL Server 12.0.6024.0 - BVCEdu\student)' with a tree view of Databases, Database Snapshots, Adil01, Database Diagrams, Tables, System Tables, FileTables, and specific tables like 'dbo.career\_dataset', 'dbo.dbo].[StudentTable', and 'dbo.gradeRecordModuleV'. The main query window shows the following SQL code:

```
ALTER TABLE [gradeRecordModuleV-COPY] DROP COLUMN Totalpoints
select * from [gradeRecordModuleV-COPY]
```

The Results tab is active, displaying a table with 10 columns: studentID, First name, Lastname, Midtermexam, Finalexam, assignment1, assignment2, Studentaverage, and Grade. The table contains two rows of data:

	studentID	First name	Lastname	Midtermexam	Finalexam	assignment1	assignment2	Studentaverage	Grade
1	16792	Kibo	Mcgee	0.75	0.75	0.68	0.66	0.71	C-
2	15508	Kibo	Underwood	0.98	0.78	0.98	0.78	0.88	B+

# CREATING TABLES

## StudentID\_TABLE, Student\_Exam TABLE

```
SELECT studentID, [First name], Lastname into [StudentID_Table]  
FROM [gradeRecordModuleV-COPY]
```

```
SELECT * from [StudentID_Table]
```

```
SELECT studentID, Midtermexam, Finalexam, assignment1, assignment2,  
Studentaverage, Grade into [Student_Exam_TABLE]  
FROM [gradeRecordModuleV-COPY]
```

Microsoft SQL Server Management Studio (Administrator)

```
SQLQuery1.sql - S20...VCEDU(student (56))*  
select studentID, [First name], Lastname into [StudentID_Table]  
from [gradeRecordModuleV-COPY]  
  
select * from [StudentID_Table]
```

100 %

	studentID	First name	Lastname
1	79686	Velma	Paul
2	16792	Kibo	Mcgee
3	92195	Louis	Underwood
4	37569	Phyllis	Clemons

MPUTER\Kishwar Seema (56))\* - Microsoft SQL Server Management Studio

```
SQLQuery2.sql - SE...Kishwar Seema (56))*  
Select * from Student_Exam_TABLE
```

100 %

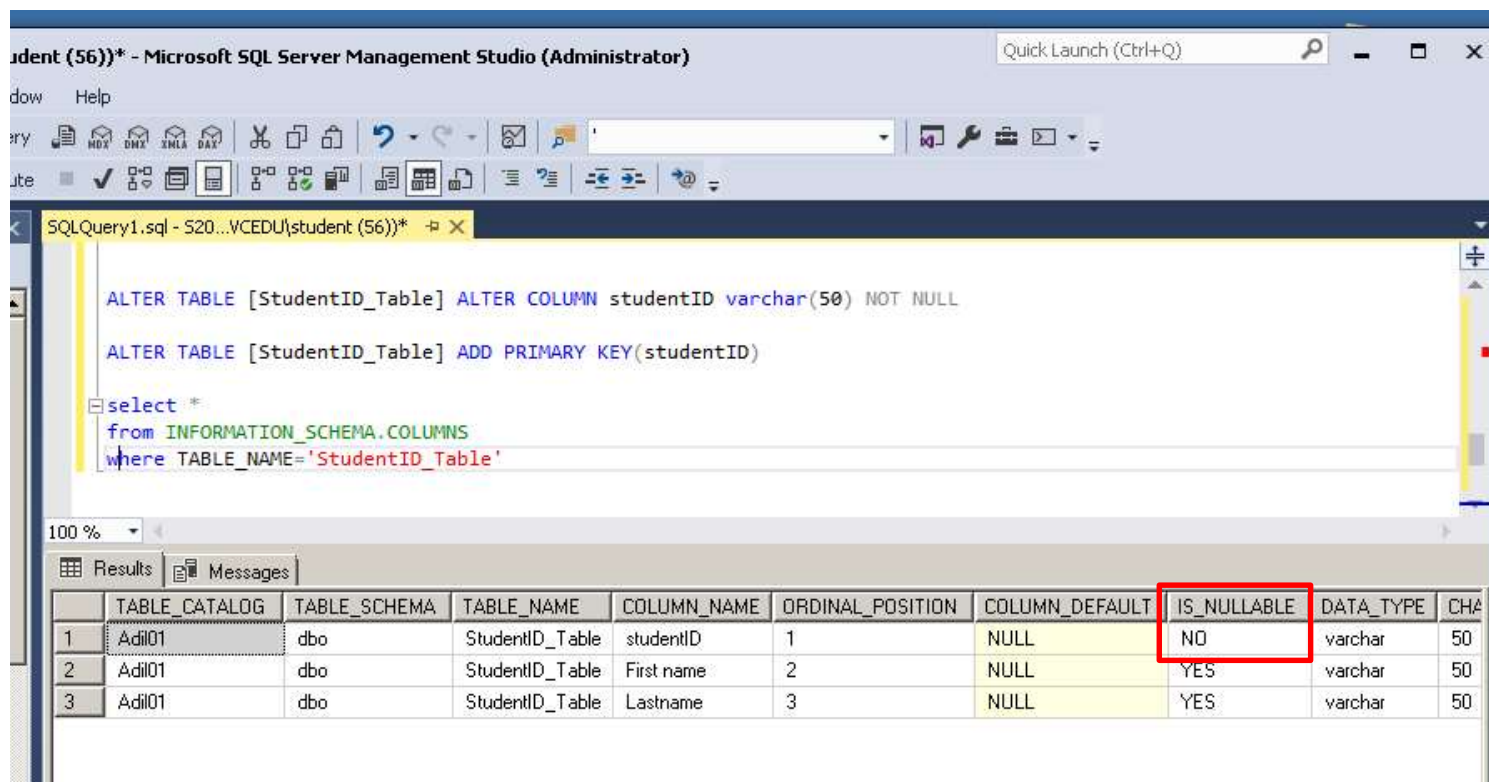
	studentID	Midtermexam	Finalexam	assignment1	assignment2	Studentaverage	Grade
1	12638	0.89	0.75	0.89	0.75	0.82	B-
2	15508	0.98	0.78	0.98	0.78	0.88	B+
3	15897	0.45	0.63	0.45	0.63	0.54	F
4	16782	0.65	0.54	0.65	0.54	0.6	F

# CREATING PRIMARY KEYS

```
ALTER TABLE [StudentID_Table] ALTER COLUMN studentID varchar(50) NOT NULL  
ALTER TABLE [StudentID_Table] ADD PRIMARY KEY(studentID)
```

```
select * from INFORMATION_SCHEMA.COLUMNS  
where TABLE_NAME = 'StudentID_Table'
```

*(Other Table is also added with Keys Similarly)*



The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection is to 'student (56)\*\* - Microsoft SQL Server Management Studio (Administrator)'. The main query window displays the following SQL code:

```
ALTER TABLE [StudentID_Table] ALTER COLUMN studentID varchar(50) NOT NULL  
  
ALTER TABLE [StudentID_Table] ADD PRIMARY KEY(studentID)  
  
select *  
from INFORMATION_SCHEMA.COLUMNS  
where TABLE_NAME='StudentID_Table'
```

Below the query window, the 'Results' tab is active, displaying a table with the following data:

	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	COLUMN_NAME	ORDINAL_POSITION	COLUMN_DEFAULT	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
1	Adil01	dbo	StudentID_Table	studentID	1	NULL	NO	varchar	50
2	Adil01	dbo	StudentID_Table	First name	2	NULL	YES	varchar	50
3	Adil01	dbo	StudentID_Table	Lastname	3	NULL	YES	varchar	50

The 'IS\_NULLABLE' column for the 'studentID' row is highlighted with a red rectangle, showing the value 'NO'.

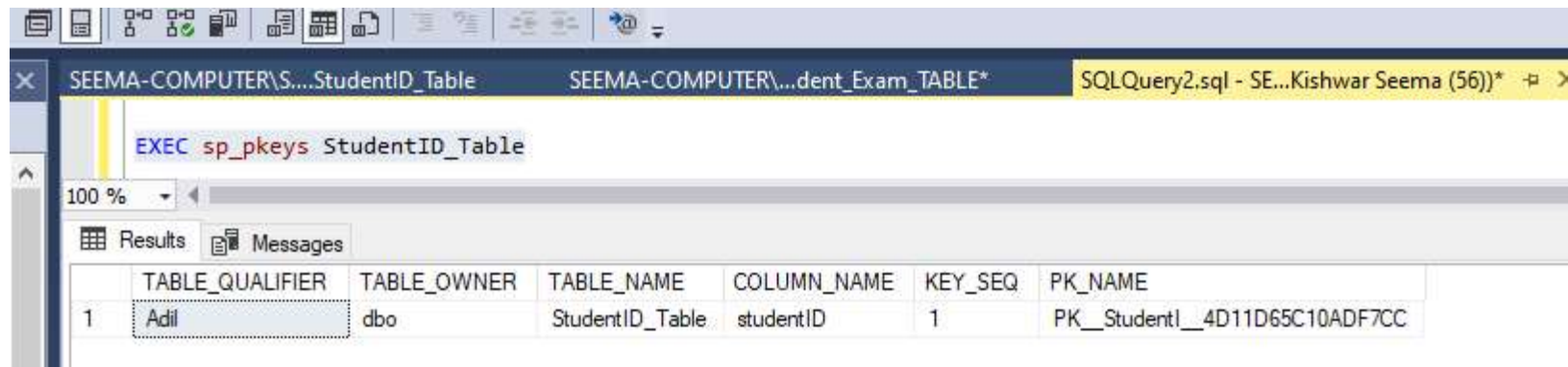
# ADDING FOREIGN KEYS

```
ALTER TABLE [Student_Exam_TABLE]  
ADD CONSTRAINT studentID FOREIGN KEY (studentID)  
REFERENCES [StudentID_Table] (studentID)
```

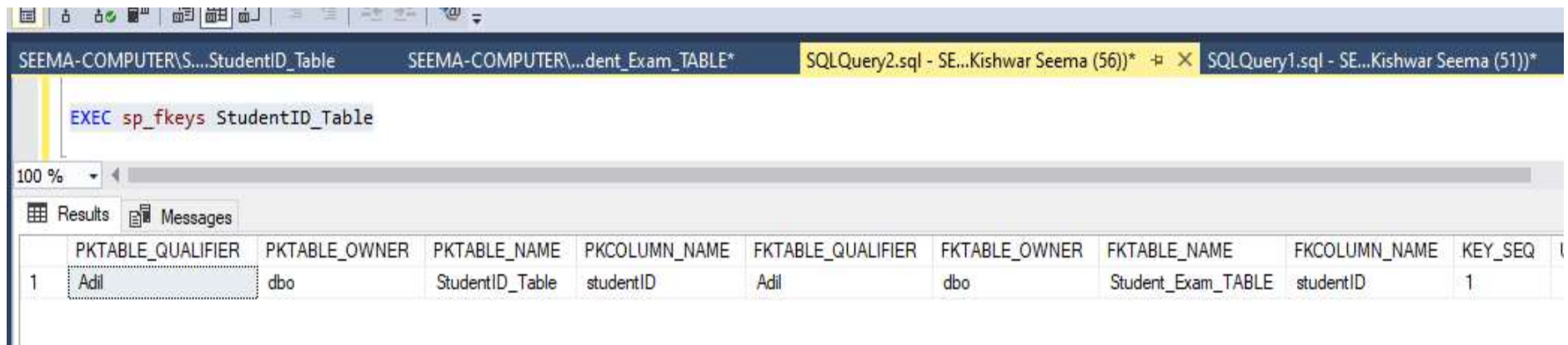
## VIEW KEYS

```
EXEC sp_pkeys StudentID_Table
```

```
EXEC sp_fkeys StudentID_Table
```



	TABLE_QUALIFIER	TABLE_OWNER	TABLE_NAME	COLUMN_NAME	KEY_SEQ	PK_NAME
1	Adil	dbo	StudentID_Table	studentID	1	PK_StudentI__4D11D65C10ADF7CC

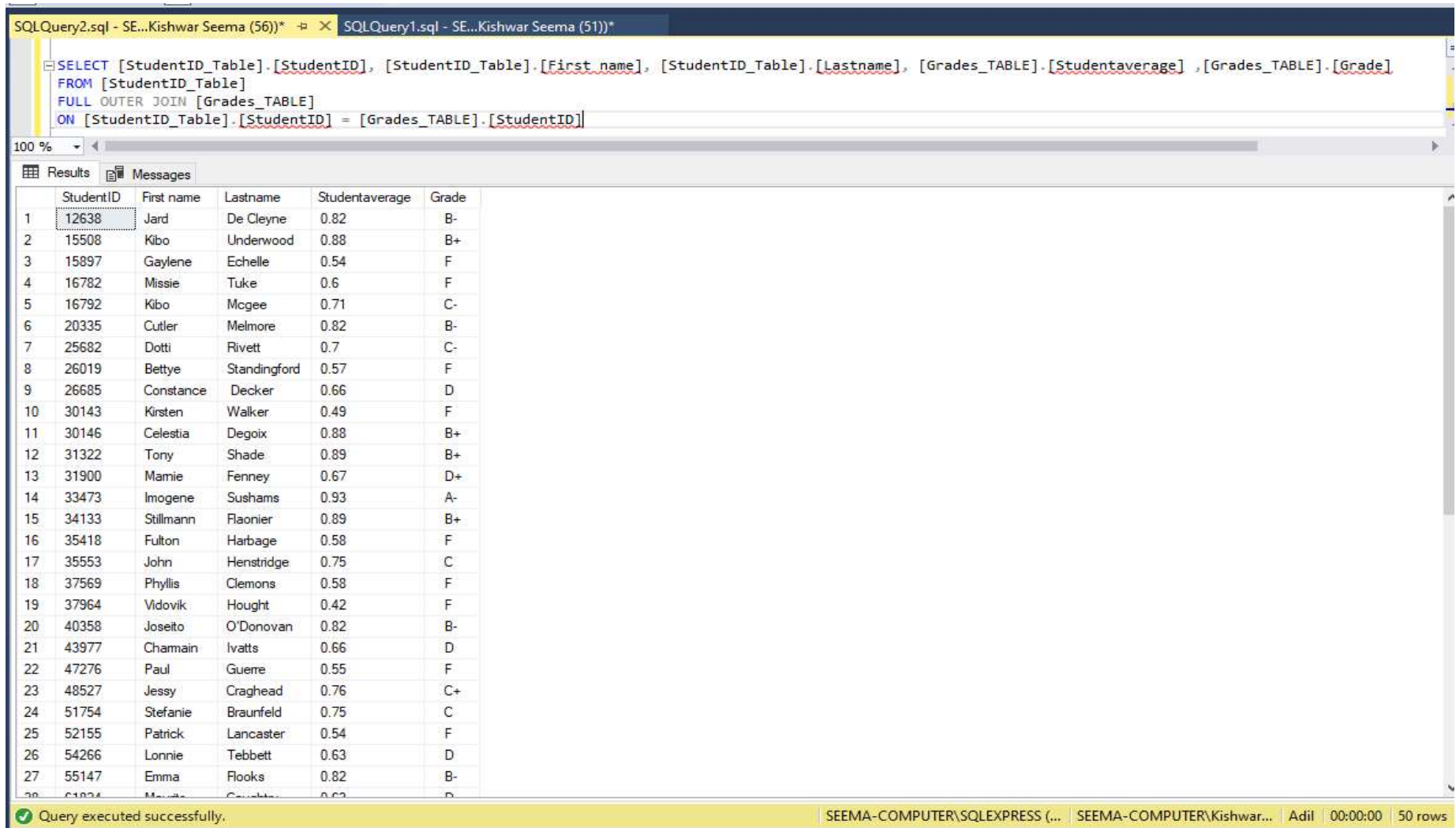


	PKTABLE_QUALIFIER	PKTABLE_OWNER	PKTABLE_NAME	PKCOLUMN_NAME	FKTABLE_QUALIFIER	FKTABLE_OWNER	FKTABLE_NAME	FKCOLUMN_NAME	KEY_SEQ
1	Adil	dbo	StudentID_Table	studentID	Adil	dbo	Student_Exam_TABLE	studentID	1



# USING OUTER JOIN TO CONSOLIDATE DATABASE

```
SELECT [StudentID_Table].[StudentID], [StudentID_Table].[First name], [StudentID_Table].[Lastname],  
[Grades_TABLE].[Studentaverage] ,[Grades_TABLE].[Grade]  
FROM [StudentID_Table]  
FULL OUTER JOIN [Grades_TABLE]  
ON [StudentID_Table].[StudentID] = [Grades_TABLE].[StudentID]  
(StudentID IS IN ASCENDING ORDER, WHICH WAS NOT IN THE MASTER TABLE)
```



The screenshot displays a SQL Server Enterprise Manager window with two tabs: 'SQLQuery2.sql - SE...Kishwar Seema (56))' and 'SQLQuery1.sql - SE...Kishwar Seema (51))'. The active tab shows a SQL query that performs a FULL OUTER JOIN between 'StudentID\_Table' and 'Grades\_TABLE' on the 'StudentID' column. The results are displayed in a grid below the query editor. The grid has columns for 'StudentID', 'First name', 'Lastname', 'Studentaverage', and 'Grade'. The data is sorted by StudentID in ascending order. A status bar at the bottom indicates 'Query executed successfully.' and '50 rows'.

	StudentID	First name	Lastname	Studentaverage	Grade
1	12638	Jard	De Cleyne	0.82	B-
2	15508	Kibo	Underwood	0.88	B+
3	15897	Gaylene	Echelle	0.54	F
4	16782	Missie	Tuke	0.6	F
5	16792	Kibo	Mcgee	0.71	C-
6	20335	Cutler	Melmore	0.82	B-
7	25682	Dotti	Rivett	0.7	C-
8	26019	Bettye	Standingford	0.57	F
9	26685	Constance	Decker	0.66	D
10	30143	Kirsten	Walker	0.49	F
11	30146	Celestia	Degoix	0.88	B+
12	31322	Tony	Shade	0.89	B+
13	31900	Mamie	Fenney	0.67	D+
14	33473	Imogene	Sushams	0.93	A-
15	34133	Stillmann	Flaonier	0.89	B+
16	35418	Fulton	Harbage	0.58	F
17	35553	John	Henstridge	0.75	C
18	37569	Phyllis	Clemons	0.58	F
19	37964	Vidovik	Hought	0.42	F
20	40358	Joseito	O'Donovan	0.82	B-
21	43977	Charmain	Ivatts	0.66	D
22	47276	Paul	Guerre	0.55	F
23	48527	Jessy	Craghead	0.76	C+
24	51754	Stefanie	Braunfeld	0.75	C
25	52155	Patrick	Lancaster	0.54	F
26	54266	Lonnie	Tebbett	0.63	D
27	55147	Emma	Flooks	0.82	B-
28	51824	Maria	Crawley	0.62	D

# COMPARING MASTER TABLE AND THE CONSOLIDATED TABLE

```
SELECT [StudentID], [First name], [Lastname], [Studentaverage], [Grade]
FROM [gradeRecordModuleV-COPY]
ORDER BY StudentID ASC
(BOTH TABLES ARE FOUND IDENTICAL)
```

SQLQuery2.sql - SE...Kishwar Seema (56))\* SQLQuery1.sql - SE...Kishwar Seema (51))\*

```
SELECT [StudentID], [First name], [Lastname], [Studentaverage], [Grade]
FROM [gradeRecordModuleV-COPY]
ORDER BY StudentID ASC
```

100 %

	StudentID	First name	Lastname	Studentaverage	Grade
1	12638	Jard	De Cleyne	0.82	B-
2	15508	Kibo	Underwood	0.88	B+
3	15897	Gaylene	Echelle	0.54	F
4	16782	Missie	Tuke	0.6	F
5	16792	Kibo	Mcgee	0.71	C-
6	20335	Cutler	Melmore	0.82	B-
7	25682	Dotti	Rivett	0.7	C-
8	26019	Bettye	Standingford	0.57	F
9	26685	Constance	Decker	0.66	D
10	30143	Kirsten	Walker	0.49	F
11	30146	Celestia	Degoix	0.88	B+
12	31322	Tony	Shade	0.89	B+
13	31900	Mamie	Fenney	0.67	D+
14	33473	Imogene	Sushams	0.93	A-
15	34133	Stillmann	Flaonier	0.89	B+
16	35418	Fulton	Harbage	0.58	F
17	35553	John	Henstridge	0.75	C
18	37569	Phyllis	Clemons	0.58	F
19	37964	Vidovik	Hought	0.42	F
20	40358	Joseito	O'Donovan	0.82	B-
21	43977	Chamain	Ivatts	0.66	D
22	47276	Paul	Guere	0.55	F
23	48527	Jessy	Craghead	0.76	C+
24	51754	Stefanie	Braunfeld	0.75	C
25	52155	Patrick	Lancaster	0.54	F
26	54266	Lonnie	Tebbett	0.63	D

SQLQuery2.sql - SE...Kishwar Seema (56))\* SQLQuery1.sql - SE...Kishwar Seema (51))\*

```
SELECT [StudentID_Table].[StudentID], [StudentID_Table].[First name], [StudentID_Table].[Lastname], [StudentID_Table].[Studentaverage], [StudentID_Table].[Grade]
FROM [StudentID_Table]
FULL OUTER JOIN [Grades_TABLE]
ON [StudentID_Table].[StudentID] = [Grades_TABLE].[StudentID]
```

100 %

	StudentID	First name	Lastname	Studentaverage	Grade
1	12638	Jard	De Cleyne	0.82	B-
2	15508	Kibo	Underwood	0.88	B+
3	15897	Gaylene	Echelle	0.54	F
4	16782	Missie	Tuke	0.6	F
5	16792	Kibo	Mcgee	0.71	C-
6	20335	Cutler	Melmore	0.82	B-
7	25682	Dotti	Rivett	0.7	C-
8	26019	Bettye	Standingford	0.57	F
9	26685	Constance	Decker	0.66	D
10	30143	Kirsten	Walker	0.49	F
11	30146	Celestia	Degoix	0.88	B+
12	31322	Tony	Shade	0.89	B+
13	31900	Mamie	Fenney	0.67	D+
14	33473	Imogene	Sushams	0.93	A-
15	34133	Stillmann	Flaonier	0.89	B+
16	35418	Fulton	Harbage	0.58	F
17	35553	John	Henstridge	0.75	C
18	37569	Phyllis	Clemons	0.58	F
19	37964	Vidovik	Hought	0.42	F
20	40358	Joseito	O'Donovan	0.82	B-
21	43977	Chamain	Ivatts	0.66	D
22	47276	Paul	Guere	0.55	F
23	48527	Jessy	Craghead	0.76	C+
24	51754	Stefanie	Braunfeld	0.75	C
25	52155	Patrick	Lancaster	0.54	F
26	54266	Lonnie	Tebbett	0.63	D
27	55147	Emma	Flocks	0.82	B-
28	61834	Melissa	Crabtree	0.63	D

Query executed successfully.

END