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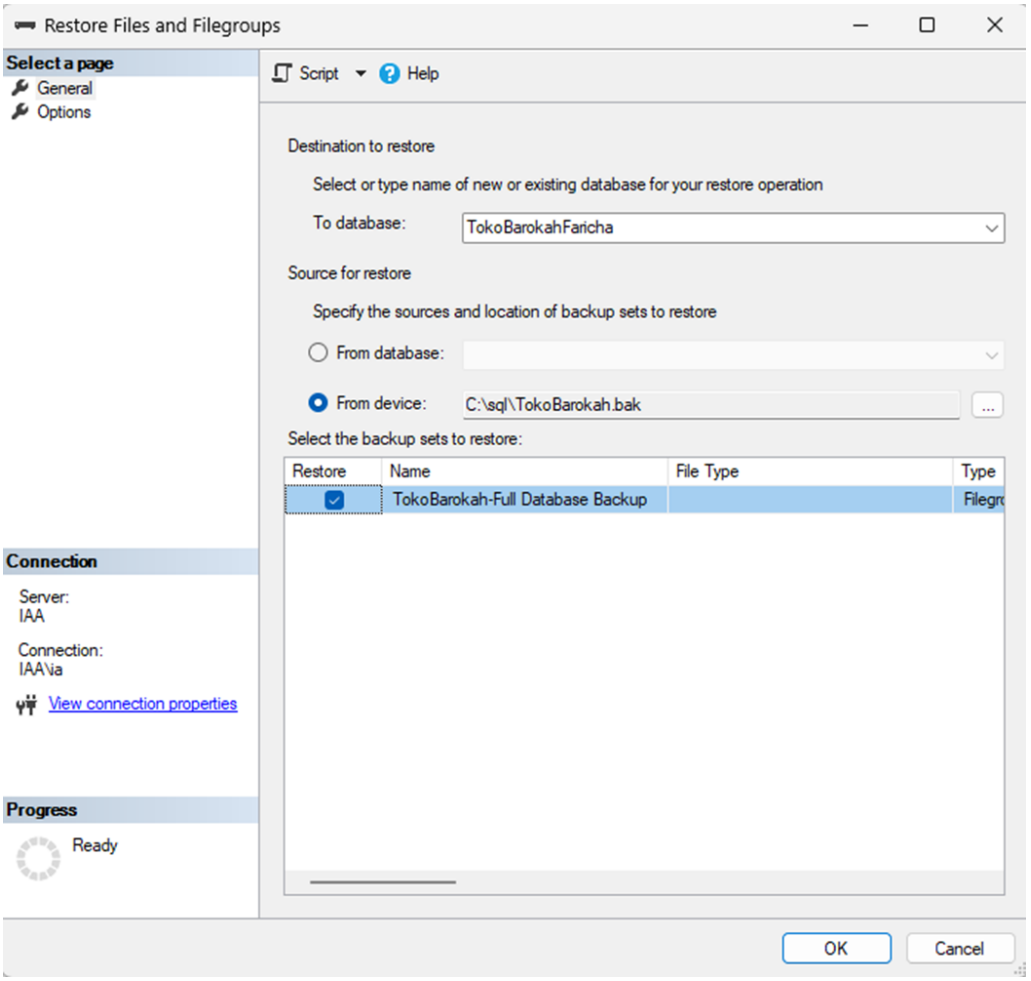
NIM : 2141720155

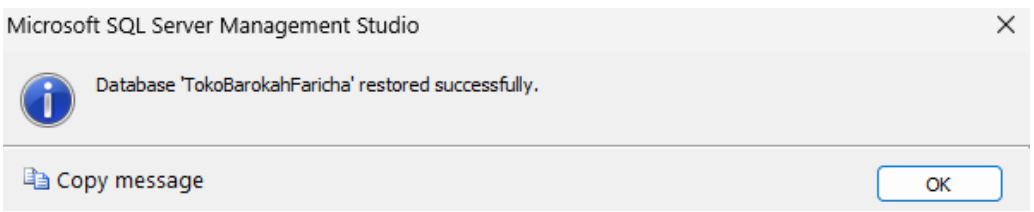
Class : 2 I / D-IV Informatics Engineering

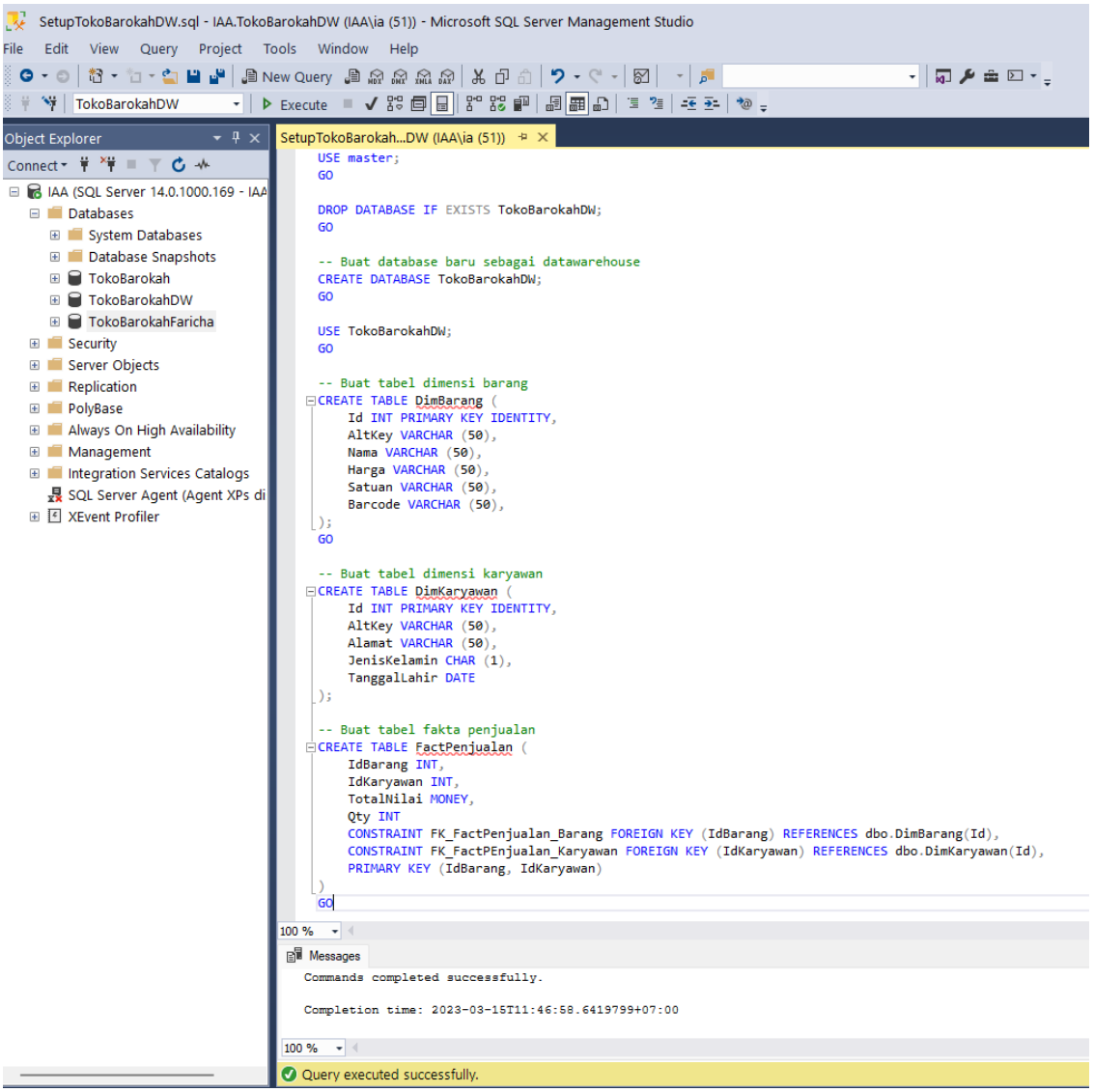
Business Intelligence

Jobsheet Week 5 - ETL Logic Execution With SSIS

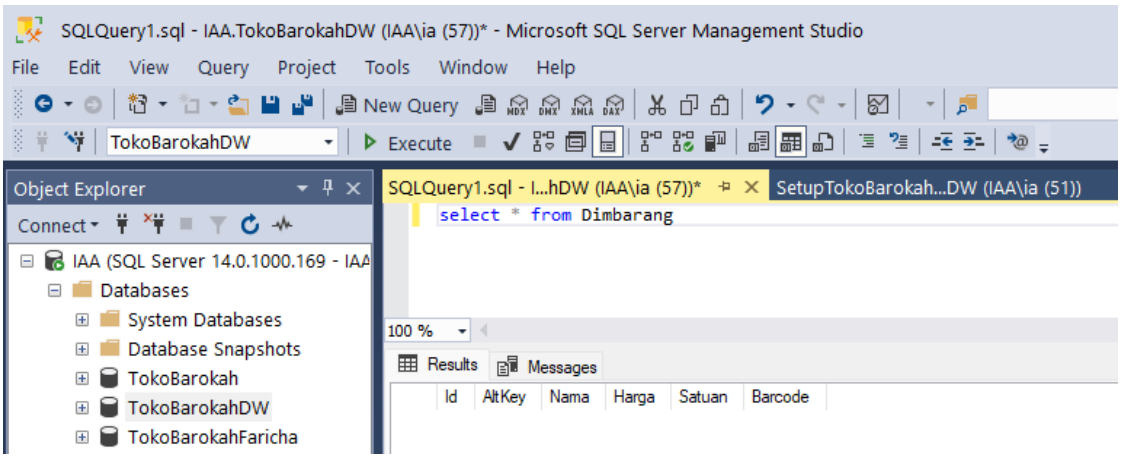
Practicum 1 : Create a new database

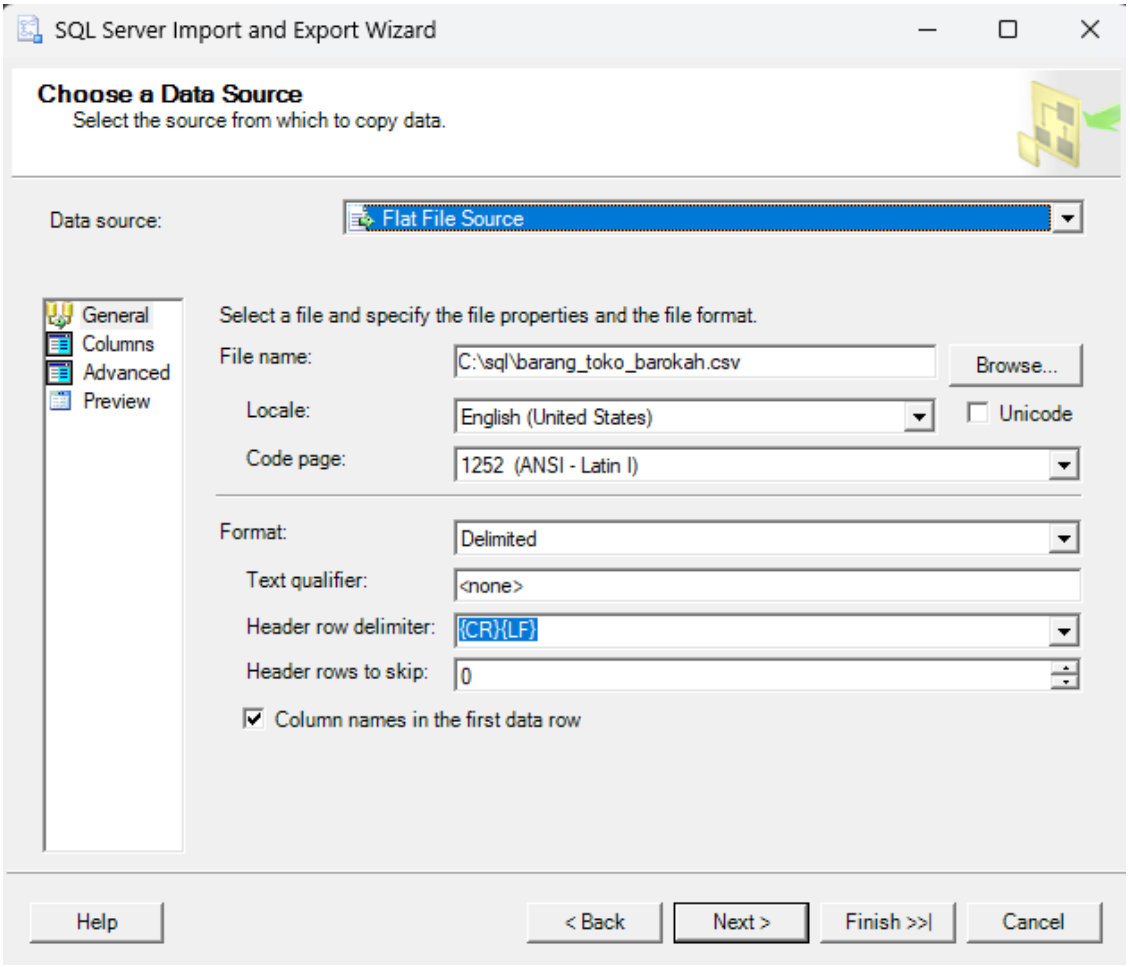


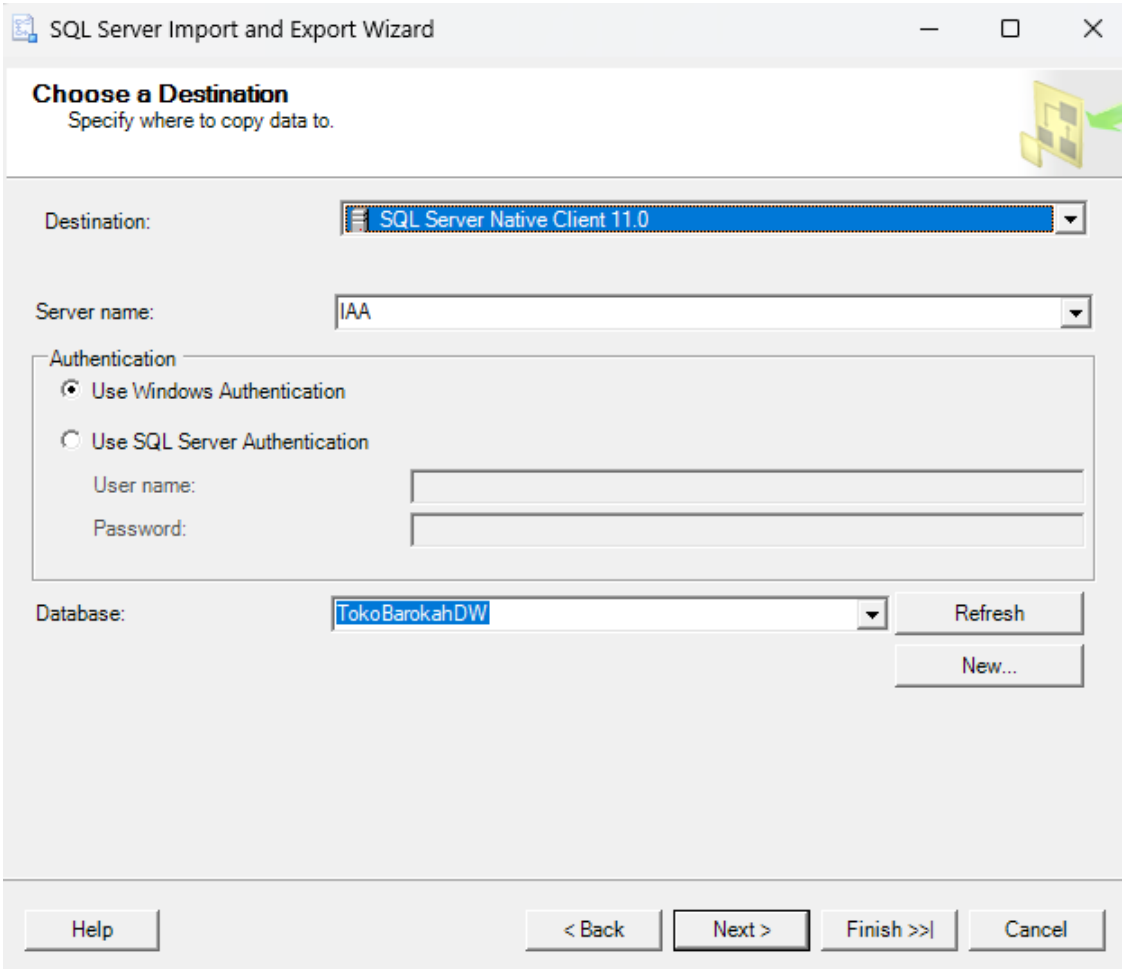




Practicum 02 : Running ETL Logic with SQL Server Integration Service




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:
C:\sql\barang_toko_barokah.csv
Browse...
Locale:
English (United States)
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
Help
< Back
Next >
Finish >>|
Cancel


SQL Server Import and Export Wizard
Choose a Destination
Specify where to copy data to.
Destination:
SQL Server Native Client 11.0
Server name:
IAA
Authentication
Use Windows Authentication
Use SQL Server Authentication
User name:
Password:
Database:
TokoBarokahDW
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:

Source:	Destination: IAA
C:\sql\barang_toko_barokah.csv	[dbo].[DimBarang]

Edit Mappings... Preview...

Help < Back Next > Finish >>| Cancel

Column Mappings

Source: C:\sql\barang_toko_barokah.csv

Destination: [dbo].[DimBarang]

Create destination table Edit SQL...

Delete rows in destination table Drop and re-create destination table

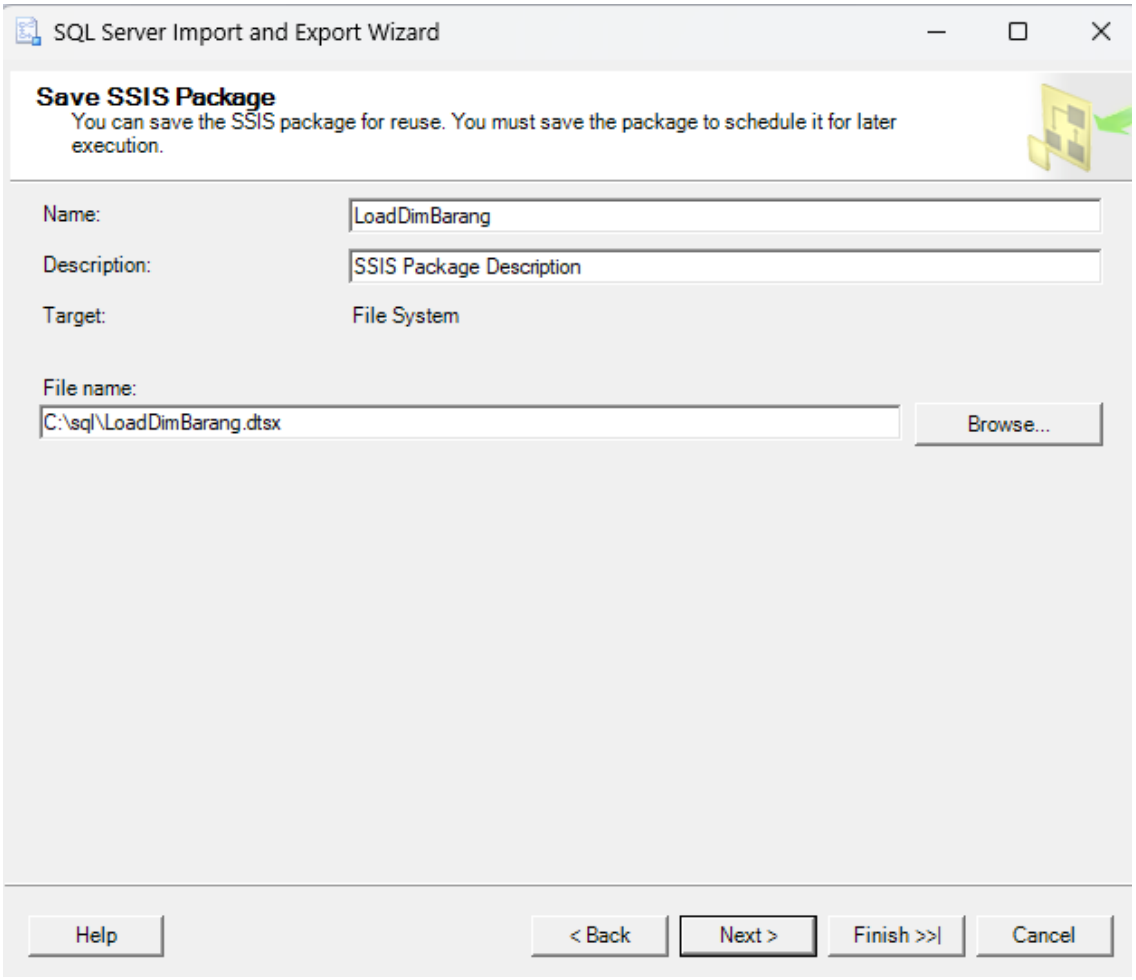
Append rows to the destination table Enable identity insert

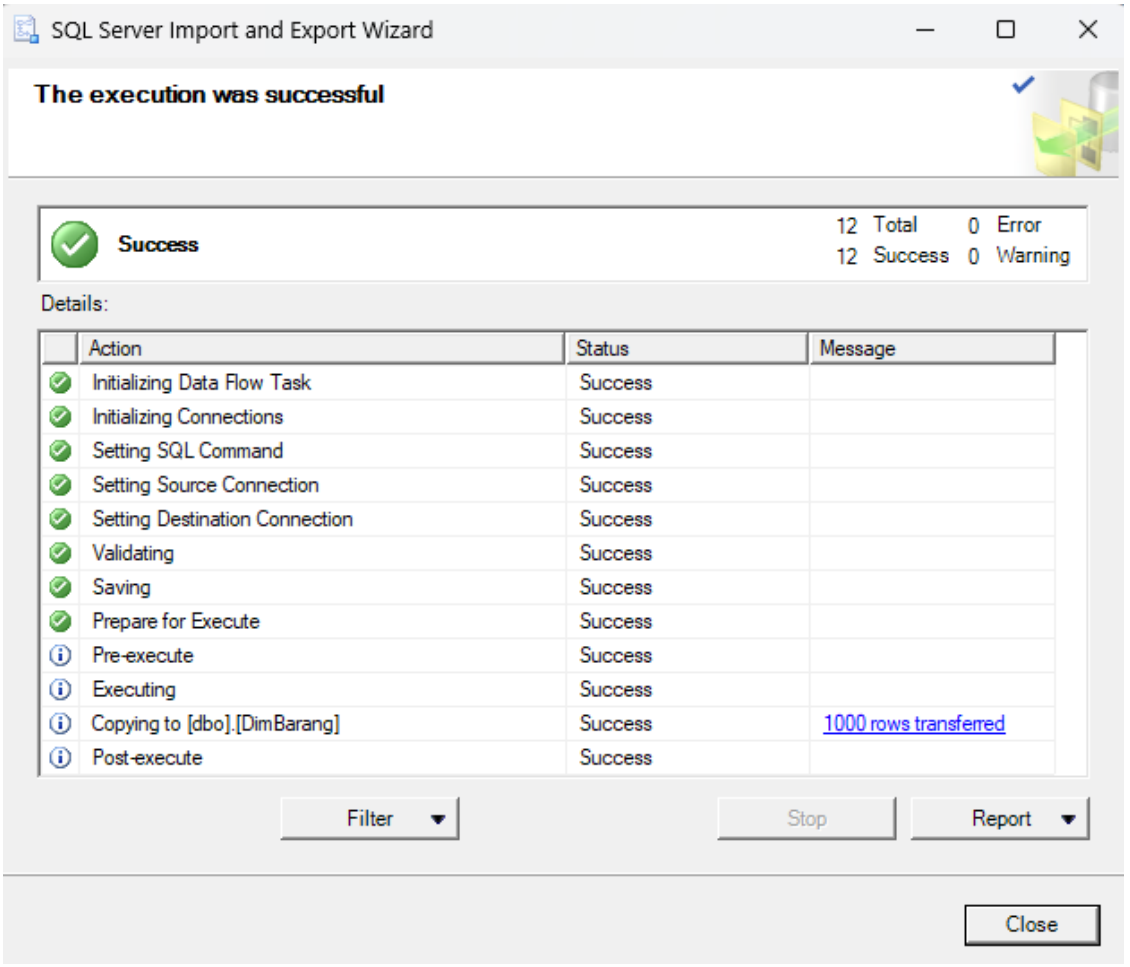
Mappings:

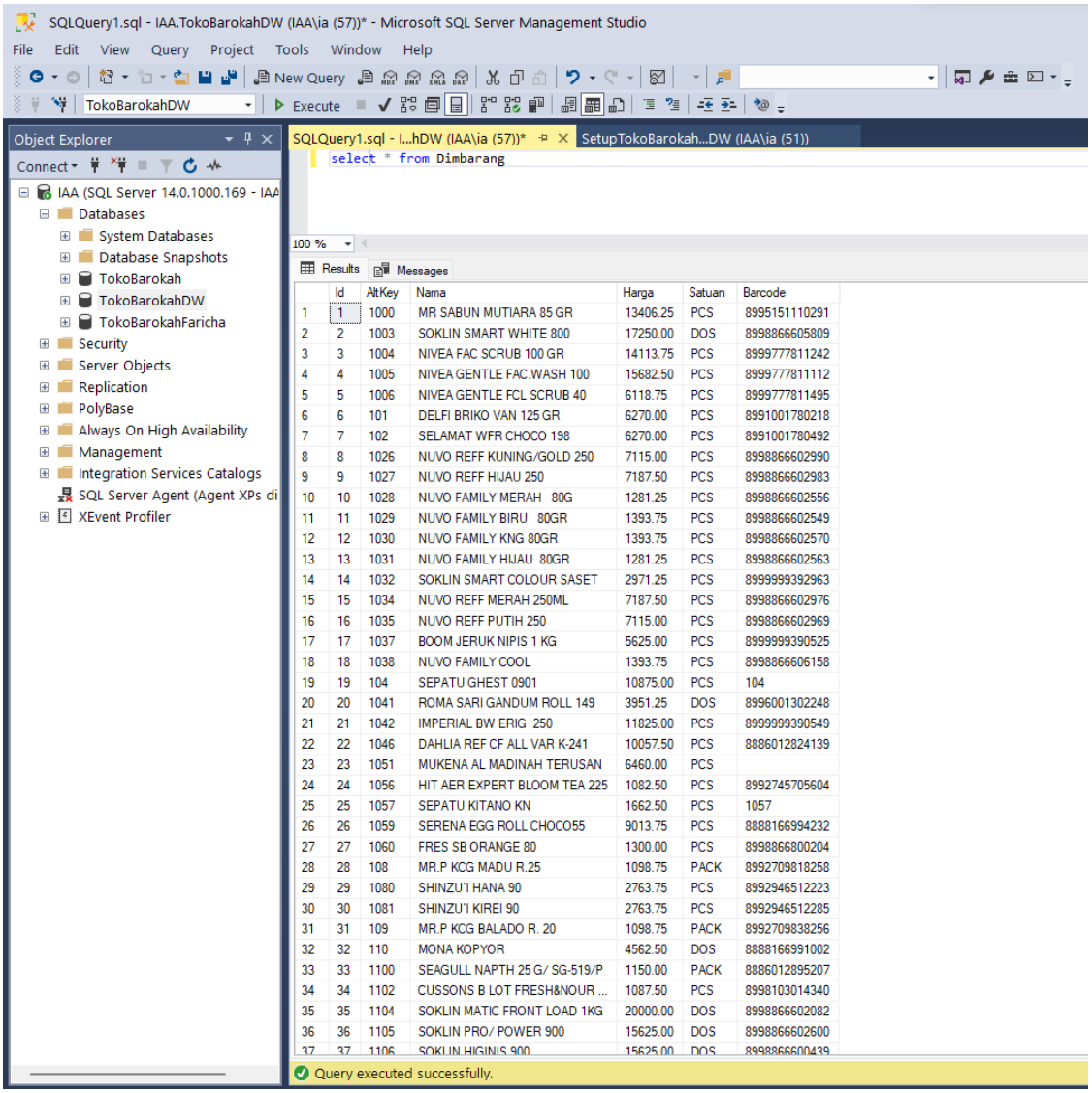
Source	Destination	Type	Nullable	Size	Precision	Scale
Kode	AltKey	varchar	☑	50		
KodeSupplier	<ignore>					
Nama	Nama	varchar	☑	50		
Harga	Harga	varchar	☑	50		
Satuan	Satuan	varchar	☑	50		
Barcode	Barcode	varchar	☑	50		

Source column: Kode string [DT_STR] (50)

OK Cancel

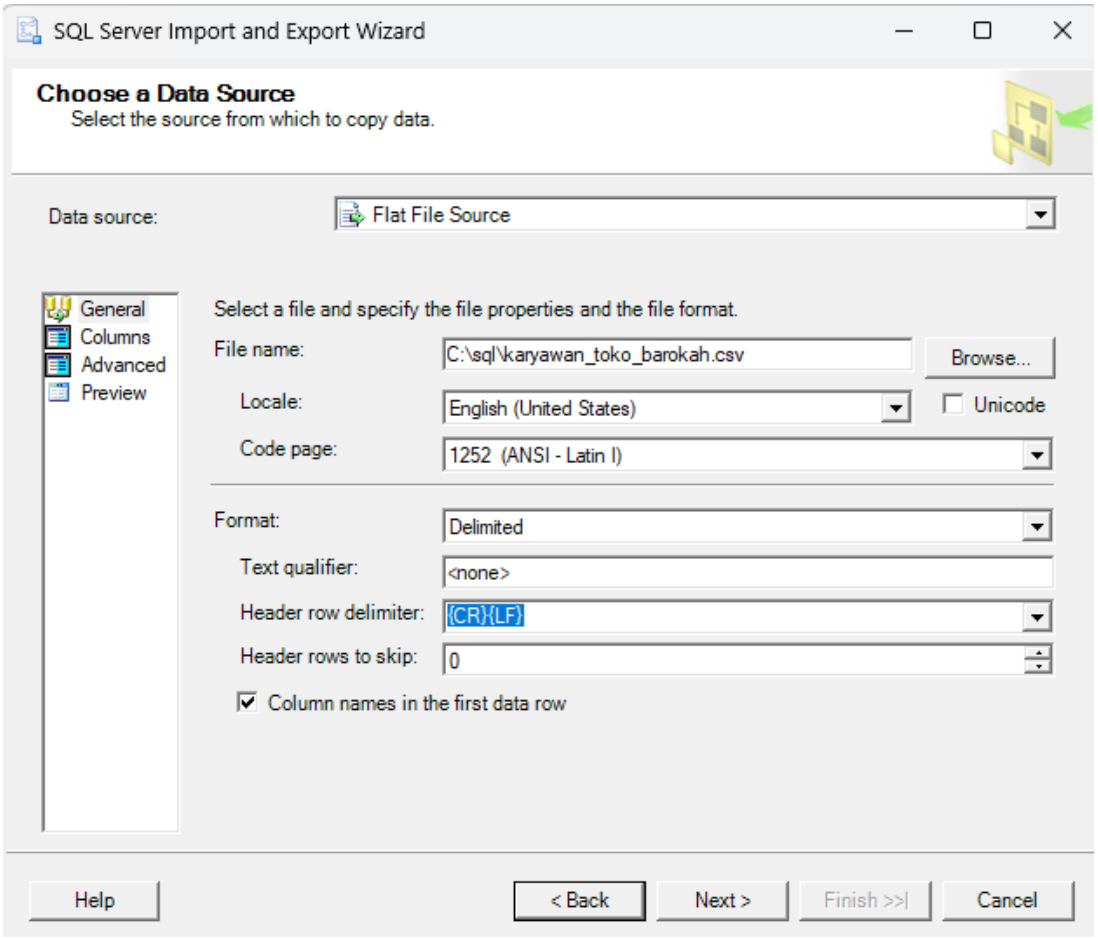

SQL Server Import and Export Wizard
Save SSIS Package
You can save the SSIS package for reuse. You must save the package to schedule it for later execution.
Name:
LoadDimBarang
Description:
SSIS Package Description
Target:
File System
File name:
C:\sql\LoadDimBarang.dtsx
Browse...
Help
< Back
Next >
Finish >>|
Cancel

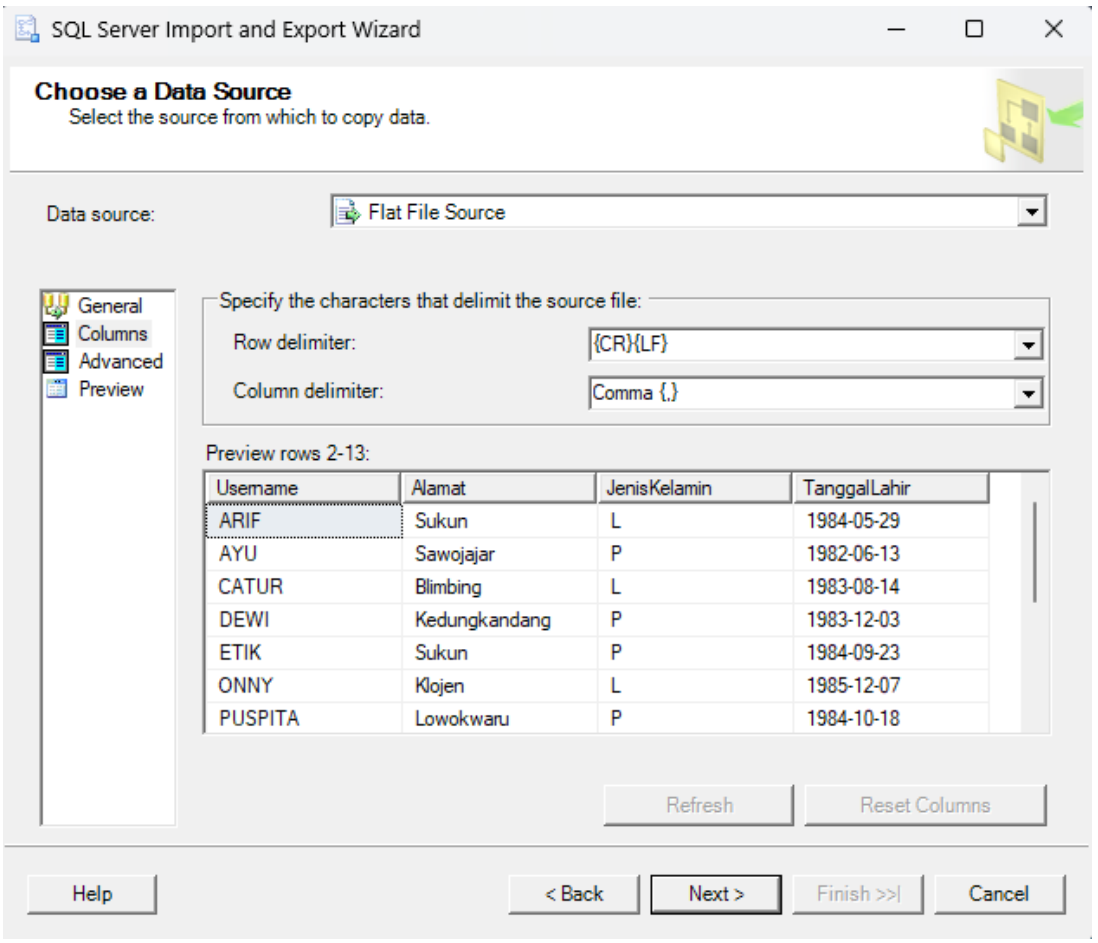

SQL Server Import and Export Wizard
The execution was successful
Success
12 Total 0 Error
12 Success 0 Warning
Details:
Action
Status
Message
Initializing Data Flow Task
Success
Initializing Connections
Success
Setting SQL Command
Success
Setting Source Connection
Success
Setting Destination Connection
Success
Validating
Success
Saving
Success
Prepare for Execute
Success
Pre-execute
Success
Executing
Success
Copying to [dbo].[DimBarang]
Success
1000 rows transferred
Post-execute
Success
Filter
Stop
Report
Close

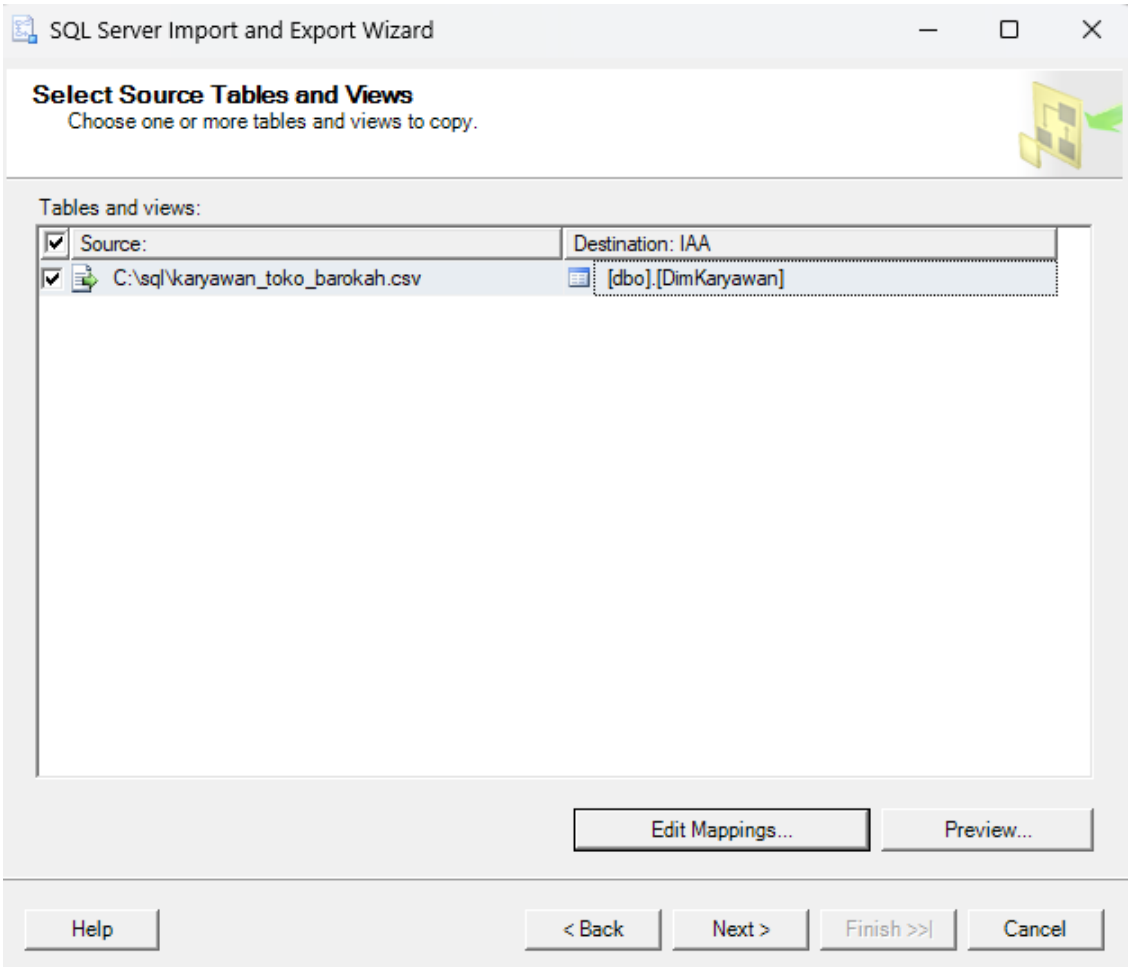


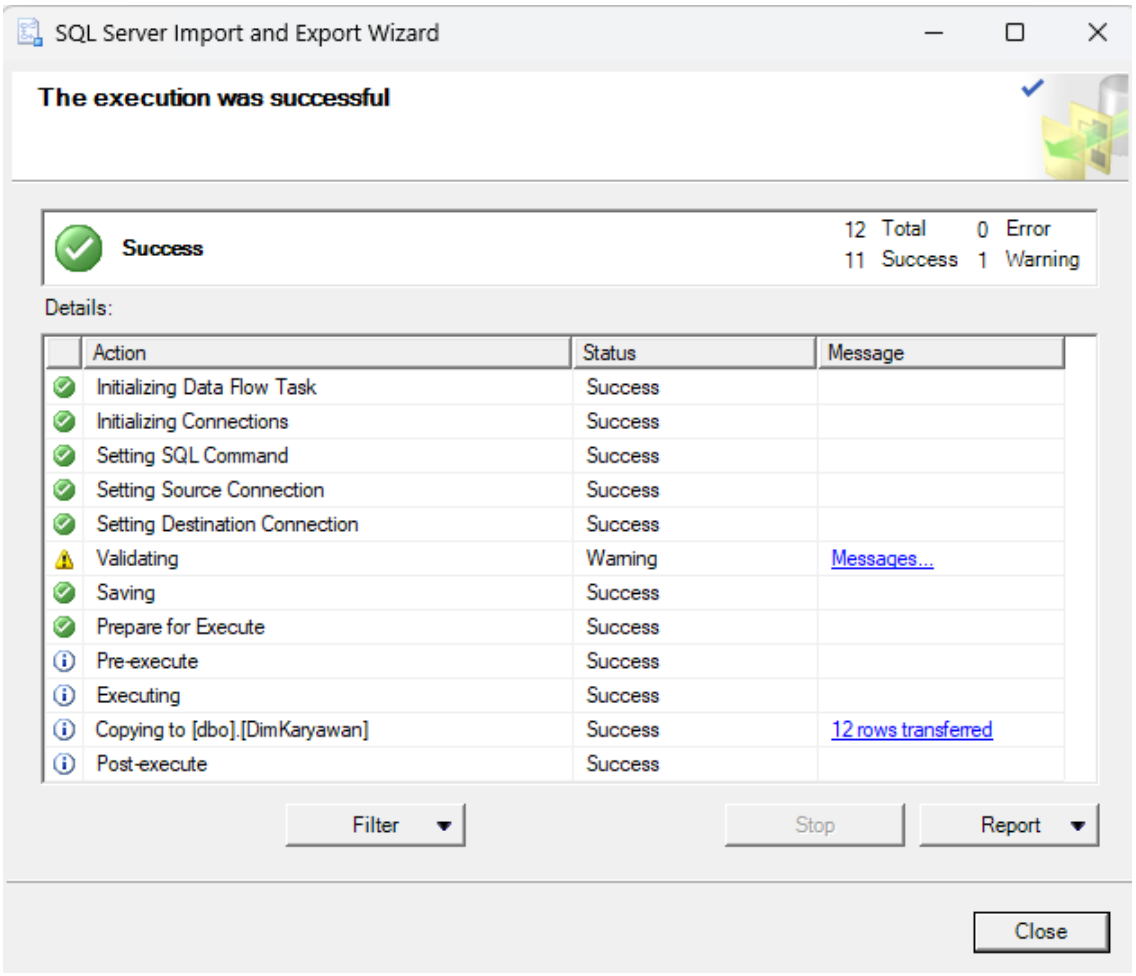
	Id	AltKey	Nama	Harga	Satuan	Barcode
1	1	1000	MR SABUN MUTIARA 85 GR	13406.25	PCS	8995151110291
2	2	1003	SOKLIN SMART WHITE 800	17250.00	DOS	8998866605809
3	3	1004	NIVEA FAC SCRUB 100 GR	14113.75	PCS	8999777811242
4	4	1005	NIVEA GENTLE FAC.WASH 100	15682.50	PCS	8999777811112
5	5	1006	NIVEA GENTLE FCL SCRUB 40	6118.75	PCS	8999777811495
6	6	101	DELFI BRIKO VAN 125 GR	6270.00	PCS	8991001780218
7	7	102	SELAMAT WFR CHOCO 198	6270.00	PCS	8991001780492
8	8	1026	NUVO REFF KUNING/GOLD 250	7115.00	PCS	8998866602990
9	9	1027	NUVO REFF HIJAU 250	7187.50	PCS	8998866602983
10	10	1028	NUVO FAMILY MERAH 80G	1281.25	PCS	8998866602556
11	11	1029	NUVO FAMILY BIRU 80GR	1393.75	PCS	8998866602549
12	12	1030	NUVO FAMILY KNG 80GR	1393.75	PCS	8998866602570
13	13	1031	NUVO FAMILY HIJAU 80GR	1281.25	PCS	8998866602563
14	14	1032	SOKLIN SMART COLOUR SASET	2971.25	PCS	8999999392963
15	15	1034	NUVO REFF MERAH 250ML	7187.50	PCS	8998866602976
16	16	1035	NUVO REFF PUTIH 250	7115.00	PCS	8998866602969
17	17	1037	BOOM JERUK NIPIS 1 KG	5625.00	PCS	8999999390525
18	18	1038	NUVO FAMILY COOL	1393.75	PCS	8998866606158
19	19	104	SEPATU GHEST 0901	10875.00	PCS	104
20	20	1041	ROMA SARI GANDUM ROLL 149	3951.25	DOS	8996001302248
21	21	1042	IMPERIAL BW ERIG 250	11825.00	PCS	8999999390549
22	22	1046	DAHLIA REF CF ALL VAR K-241	10057.50	PCS	8886012824139
23	23	1051	MUKENA AL MADINAH TERUSAN	6460.00	PCS	
24	24	1056	HIT AER EXPERT BLOOM TEA 225	1082.50	PCS	8992745705604
25	25	1057	SEPATU KITANO KN	1662.50	PCS	1057
26	26	1059	SERENA EGG ROLL CHOCO55	9013.75	PCS	8888166994232
27	27	1060	FRES SB ORANGE 80	1300.00	PCS	8998866800204
28	28	108	MR.P KCG MADU R.25	1098.75	PACK	8992709818258
29	29	1080	SHINZU'I HANA 90	2763.75	PCS	8992946512223
30	30	1081	SHINZU'I KIREI 90	2763.75	PCS	8992946512285
31	31	109	MR.P KCG BALADO R. 20	1098.75	PACK	8992709838256
32	32	110	MONA KOPYOR	4562.50	DOS	8888166991002
33	33	1100	SEAGULL NAPTH 25 G/ SG-519/P	1150.00	PACK	8886012895207
34	34	1102	CUSSONS B LOT FRESH&NOUR ...	1087.50	PCS	8998103014340
35	35	1104	SOKLIN MATIC FRONT LOAD 1KG	20000.00	DOS	8998866602082
36	36	1105	SOKLIN PRO/ POWER 900	15625.00	DOS	8998866602600
37	37	1106	SOKLIN HIGINIS 900	15625.00	DOS	8998866600439

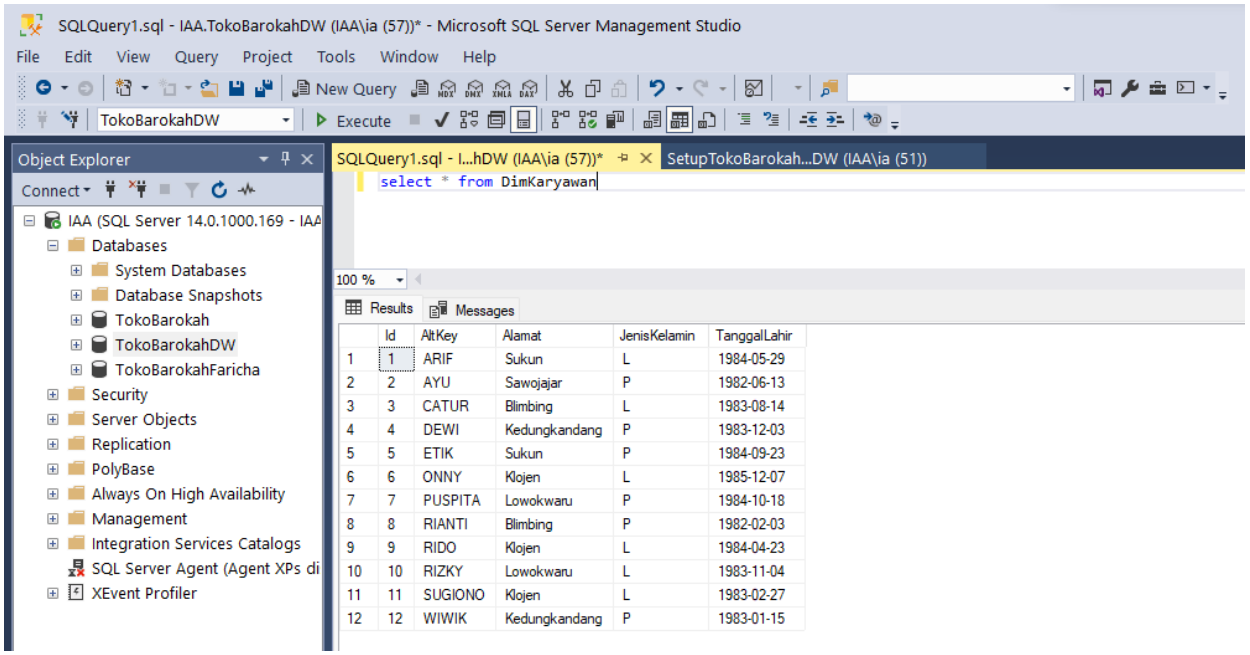
Exercise


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:
C:\sql\karyawan_toko_barokah.csv
Browse...
Locale:
English (United States)
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
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
Specify the characters that delimit the source file:
Row delimiter:
{CR}{LF}
Column delimiter:
Comma {,}
Preview rows 2-13:
Username
Alamat
JenisKelamin
TanggalLahir
ARIF
Sukun
L
1984-05-29
AYU
Sawojajar
P
1982-06-13
CATUR
Blimbing
L
1983-08-14
DEWI
Kedungkandang
P
1983-12-03
ETIK
Sukun
P
1984-09-23
ONNY
Klojen
L
1985-12-07
PUSPITA
Lowokwaru
P
1984-10-18
Refresh
Reset Columns
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:
Destination: IAA
C:\sql\karyawan_toko_barokah.csv
[dbo].[DimKaryawan]
Edit Mappings...
Preview...
Help
< Back
Next >
Finish >>|
Cancel


SQL Server Import and Export Wizard
The execution was successful
Success
12 Total
0 Error
11 Success
1 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
Warning
Messages...
Saving
Success
Prepare for Execute
Success
Pre-execute
Success
Executing
Success
Copying to [dbo].[DimKaryawan]
Success
12 rows transferred
Post-execute
Success
Filter
Stop
Report
Close



	Id	AltKey	Alamat	JenisKelamin	TanggalLahir
1	1	ARIF	Sukun	L	1984-05-29
2	2	AYU	Sawojajar	P	1982-06-13
3	3	CATUR	Blimbing	L	1983-08-14
4	4	DEWI	Kedungkandang	P	1983-12-03
5	5	ETIK	Sukun	P	1984-09-23
6	6	ONNY	Klojen	L	1985-12-07
7	7	PUSPITA	Lowokwaru	P	1984-10-18
8	8	RIANTI	Blimbing	P	1982-02-03
9	9	RIDO	Klojen	L	1984-04-23
10	10	RIZKY	Lowokwaru	L	1983-11-04
11	11	SUGIONO	Klojen	L	1983-02-27
12	12	WIWIK	Kedungkandang	P	1983-01-15