



UNAPEC
UNIVERSIDAD APEC

Materia:

Inteligencia de Negocios

Profesor:

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Participante:

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Asunto:

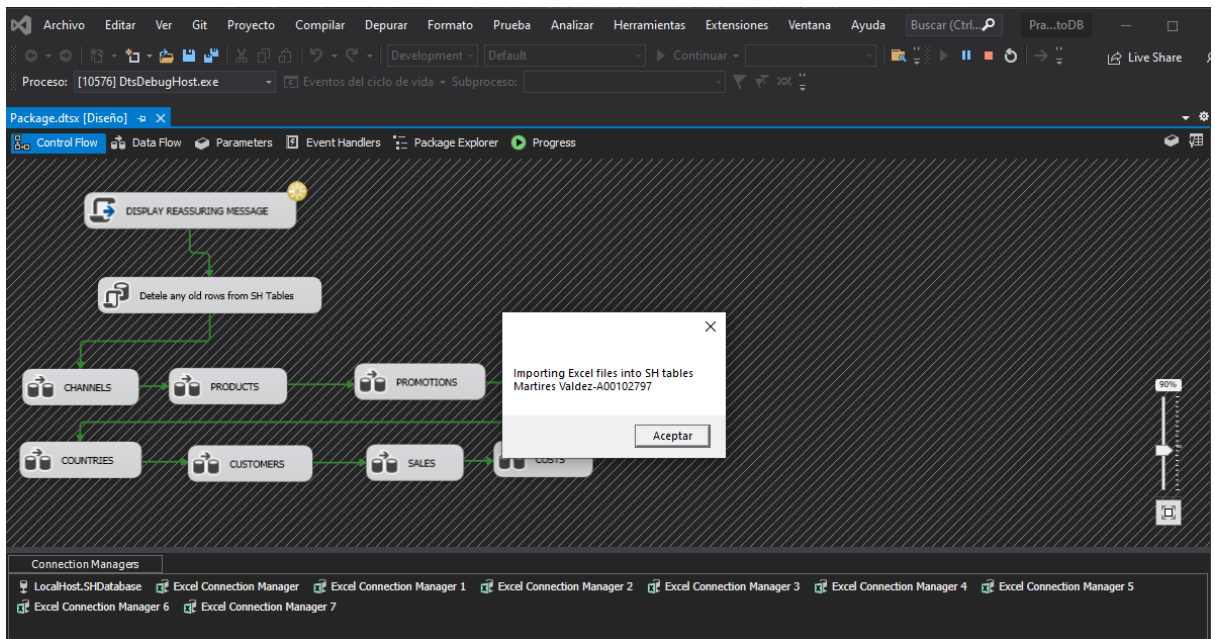
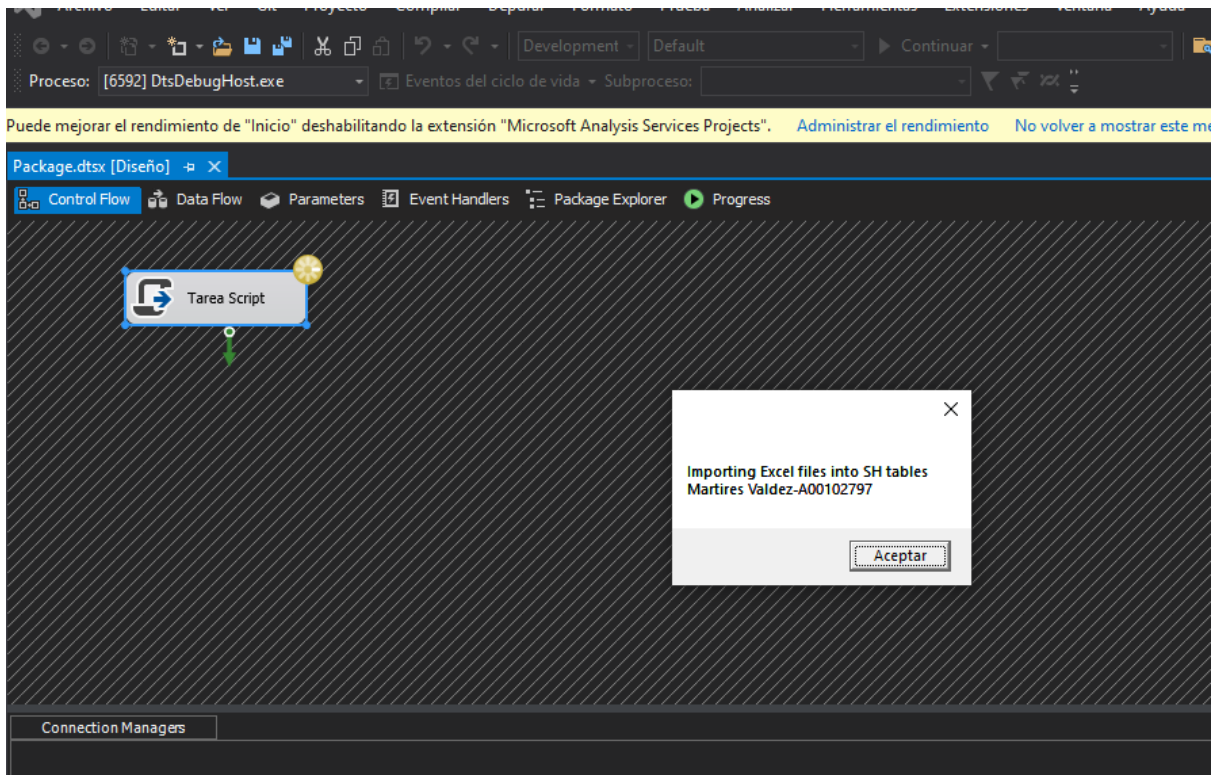
Práctica 5

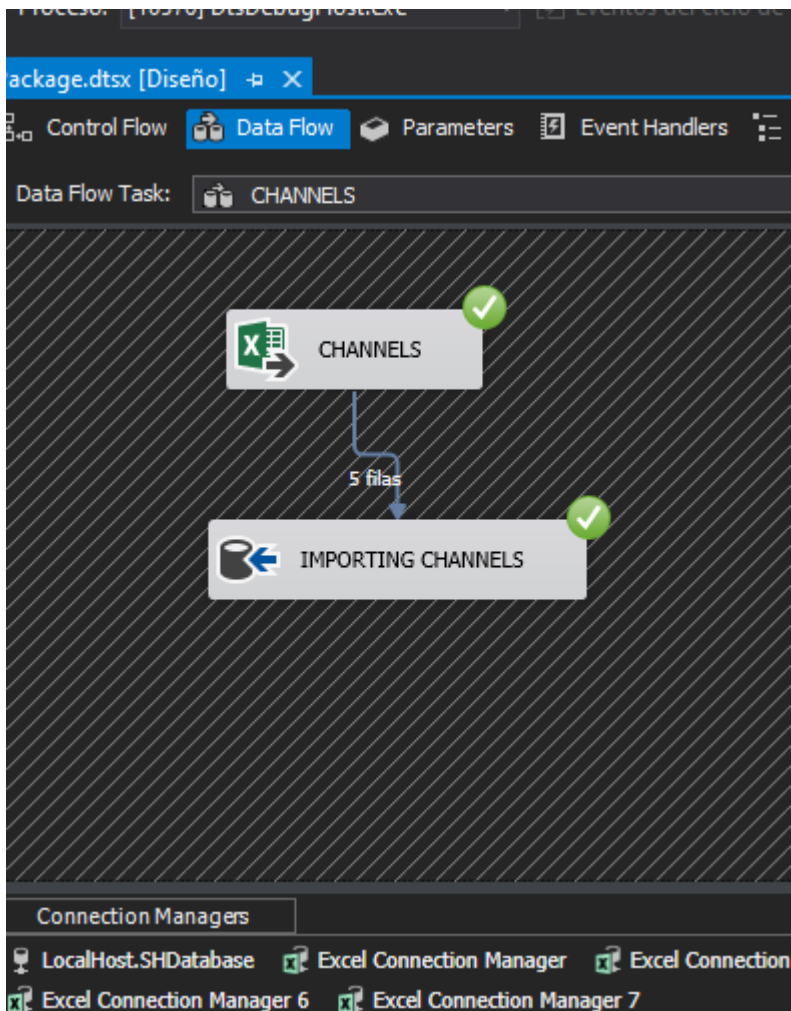
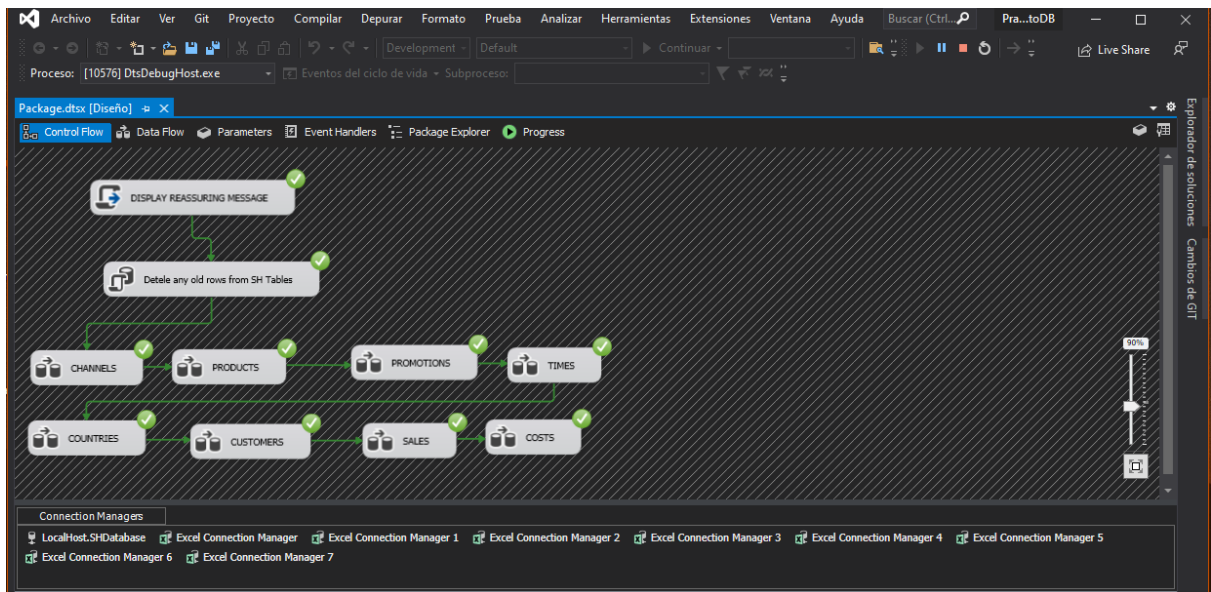
Fecha:

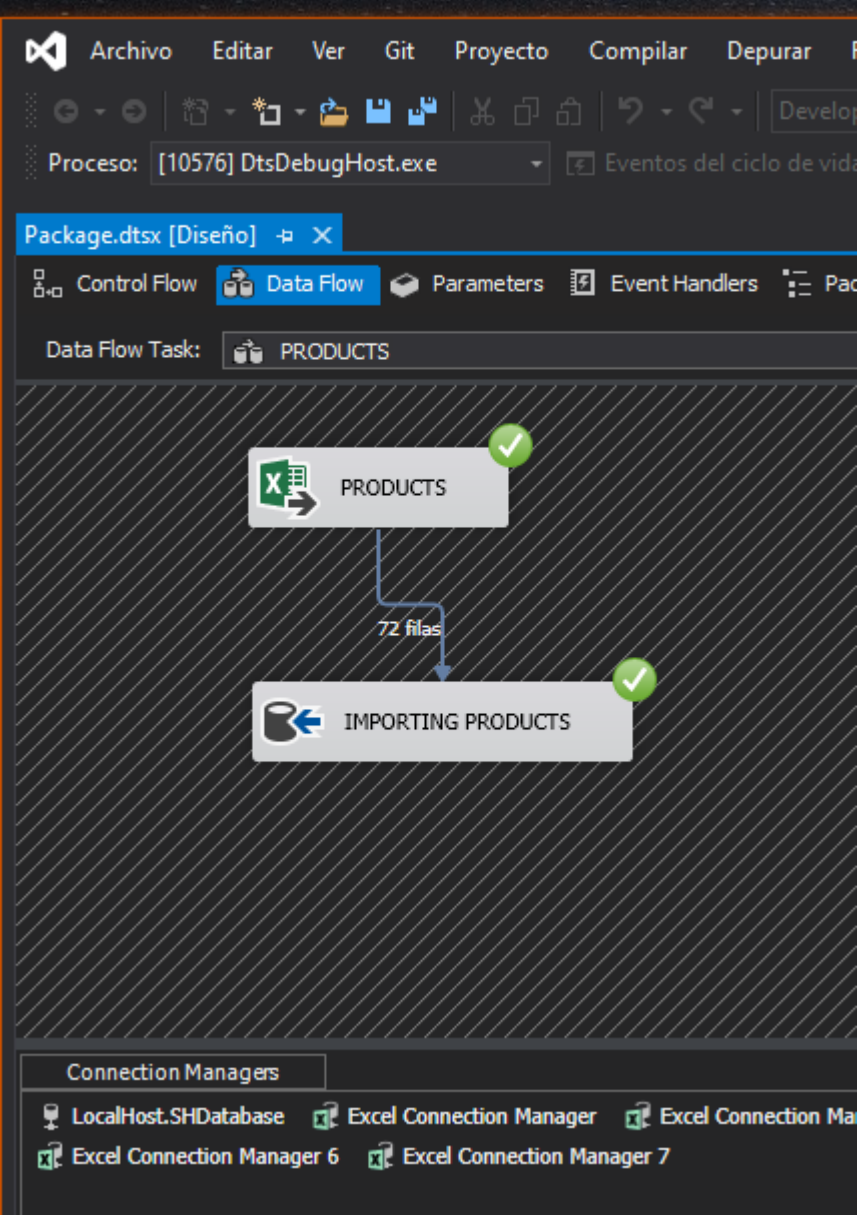
27-2-2023

Período académico:

Enero/Abril 2023







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Proceso: [10576] DtsDebugHost.exe Eventos del ciclo de vida

Package.dtsx [Diseño]

Control Flow Data Flow Parameters Event Handlers Package Ex

Data Flow Task: PROMOTIONS

```
graph TD; PROMOTIONS[PROMOTIONS] -- 503 filas --> IMPORTING_PROMOTIONS[IMPORTING PROMOTIONS];
```

Connection Managers

- LocalHost.SHDatabase
- Excel Connection Manager
- Excel Connection Manager 1
- Excel Connection Manager 6
- Excel Connection Manager 7

Package execution completed with success. [Click here to switch to design mode, or select](#)

Archivo

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Depurar

Proceso:

[10576] DtsDebugHost.exe

Eventos del ciclo de vida

Package.dtsx [Diseño]

Control Flow

Data Flow

Parameters

Event Handlers

Data Flow Task:

TIMES

```
graph TD;
    TIMES[TIMES] --> Origen[Origen de Excel];
    Origen -- "1.826 filas" --> IMPORTING[IMPORTING TIMES];
```

Connection Managers

LocalHost.SHDatabase

Excel Connection Manager

Excel Connection Manager 6

Excel Connection Manager 7

Package execution completed with success. [Click here to switch to design mode](#)

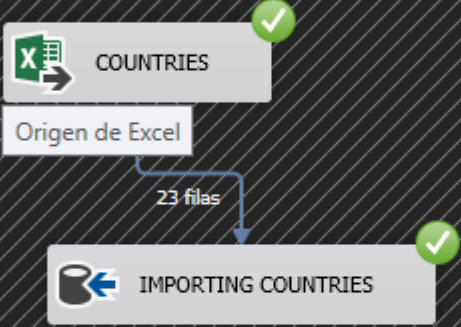
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Proceso: [10576] DtsDebugHost.exe Eventos del ciclo de vida

Package.dtsx [Diseño]

Control Flow Data Flow Parameters Event Handlers Package

Data Flow Task: COUNTRIES



```
graph TD; A[COUNTRIES] -- "Origen de Excel" --> B[IMPORTING COUNTRIES]; A -- "23 filas" --> B;
```

Connection Managers

- LocalHost.SHDatabase
- Excel Connection Manager
- Excel Connection Manager 6
- Excel Connection Manager 7

Package execution completed with success. [Click here to switch to design mode, or sele](#)

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Proceso: [10576] DtsDebugHost.exe

Package.dtsx [Diseño]

Control Flow Data Flow Parameters Event Handlers Package Ex

Data Flow Task: CUSTOMERS

```
graph TD; A[Excel Source] --> B[IMPORTING CUSTOMERS];
```

Connection Managers

- LocalHost.SHDatabase
- Excel Connection Manager
- Excel Connection Manager 1
- Excel Connection Manager 6
- Excel Connection Manager 7

Package execution completed with success. Click here to switch to design mode, or select S

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Proceso: [10576] DtsDebugHost.exe Eventos del ciclo de vida Sub

Package.dtsx [Diseño]

Control Flow Data Flow Parameters Event Handlers Package Ex

Data Flow Task: SALES

Origen de Excel

65.535 filas

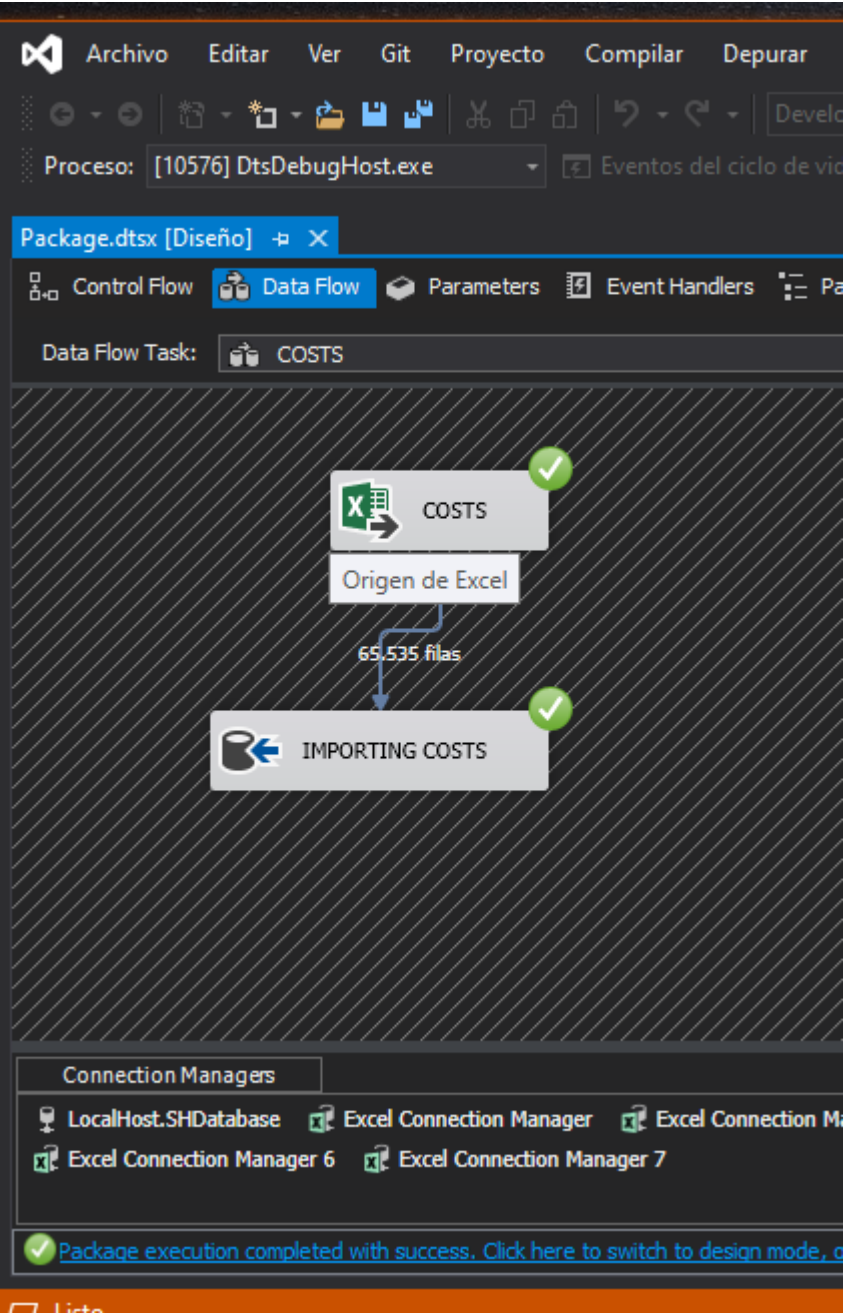
IMPORTING SALES

Connection Managers

- LocalHost.SHDatabase
- Excel Connection Manager
- Excel Connection Manager 1
- Excel Connection Manager 6
- Excel Connection Manager 7

Package execution completed with success. Click here to switch to design mode, or select S

Listo



- SHDatabase
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.CHANNELS
 - dbo.COSTS
 - dbo.COUNTRIES
 - dbo.CUSTOMERS
 - dbo.PRODUCTS
 - dbo.PROMOTIONS
 - dbo.SALES
 - dbo.TIMES
 - Views
 - External Resources
 - Synonyms

Results						
CHANNEL_ID	CHANNEL_DESC	CHANNEL_CLASS	CHANNEL_CLASS_ID	CHANNEL_TOTAL	CHANNEL_TOTAL_ID	
1	2	Partners	Others	14	Channel total	1
2	3	Direct Sales	Direct	12	Channel total	1
3	4	Internet	Indirect	13	Channel total	1
4	5	Catalog	Indirect	13	Channel total	1
5	9	Tele Sales	Direct	12	Channel total	1

reportServerTempDB

SHDatabase

- Database Diagrams
- Tables
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 - FileTables
 - External Tables
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 - dbo.CHANNELS
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 - dbo.PRODUCTS
 - dbo.PROMOTIONS
 - dbo.SALES
 - dbo.TIMES
- Views
- External Resources
- Synonyms
- Programmability
- Service Broker
- Storage
- Security

100 %

Results Messages

	PROD_ID	TIME_ID	PROMO_ID	CHANNEL_ID	UNIT_COST	UNIT_PRICE
1	13	10-MAR-98	999	3	798,69	1232,99
2	14	14-JAN-98	999	3	875,22	1124,52
3	14	18-JAN-98	999	3	875,22	1124,52
4	14	18-JAN-98	999	4	846,71	1124,52
5	14	23-JAN-98	999	2	886,45	1176,23
6	14	24-JAN-98	999	3	875,22	1108,99
7	14	24-JAN-98	999	4	846,71	1108,99
8	14	28-JAN-98	999	4	846,71	1124,52
9	14	02-FEB-98	999	4	863,64	1108,99
10	14	05-FEB-98	999	2	898,9	1259,99
11	14	05-MAR-98	999	4	875,1	1259,99

Query executed successfully.

Connect

- Database Snapshots
- AdventureWorksDW2019
- MVALDEZ
- MySalaryMV
- ReportServer
- ReportServerTempDB
- SHDatabase
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.CHANNELS
 - dbo.COSTS
 - dbo.COUNTRIES
 - dbo.CUSTOMERS
 - dbo.PRODUCTS
 - dbo.PROMOTIONS
 - dbo.SALES
 - dbo.TIMES
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security

```

/***** Script for SelectTopRows command from SSMS *****/
SELECT TOP (1000) [COUNTRY_ID]
, [COUNTRY_ISO_CODE]
, [COUNTRY_NAME]
, [COUNTRY_SUBREGION]
, [COUNTRY_SUBREGION_ID]
, [COUNTRY_REGION]
, [COUNTRY_REGION_ID]
, [COUNTRY_TOTAL]
, [COUNTRY_TOTAL_ID]
, [COUNTRY_NAME_HIST]
FROM [SHDatabase].[dbo].[COUNTRIES]
  
```

100 %

Results Messages

	COUNTRY_ID	COUNTRY_ISO_CODE	COUNTRY_NAME	COUNTRY_SUBREGION	COUNTRY_SUBREGION_ID	COUNTRY_REGION	COUNTRY_REGION_ID	COUNTRY_TOTAL	COUNTRY_TOTAL_ID
14	52782	JP	Japan	Asia	52793	Asia	52802	World total	52806
15	52783	MY	Malaysia	Asia	52793	Asia	52802	World total	52806
16	52784	NL	The Netherlands	Western Europe	52799	Europe	52803	World total	52806
17	52785	NZ	New Zealand	Australia	52794	Oceania	52805	World total	52806
18	52786	PL	Poland	Eastern Europe	52795	Europe	52803	World total	52806
19	52787	SA	Saudi Arabia	Middle East	52796	Middle East	52804	World total	52806
20	52788	TR	Turkey	Western Europe	52799	Europe	52803	World total	52806
21	52789	GB	United Kingdom	Western Europe	52799	Europe	52803	World total	52806
22	52790	US	United States of ...	Northern America	52797	Americas	52801	World total	52806
23	52791	ZA	South Africa	Africa	52792	Africa	52800	World total	52806

MySalaryMV

ReportServer

ReportServerTempDB

SHDatabase

- Database Diagrams
- Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.CHANNELS
 - dbo.COSTS
 - dbo.COUNTRIES
 - dbo.CUSTOMERS
 - dbo.PRODUCTS
 - dbo.PROMOTIONS
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 - dbo.TIMES
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- External Resources
- Synonyms
- Programmability
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- Storage
- Security

```

, [CUST_FIRST_NAME]
, [CUST_LAST_NAME]
, [CUST_GENDER]
, [CUST_YEAR_OF_BIRTH]
, [CUST_MARITAL_STATUS]
, [CUST_STREET_ADDRESS]
, [CUST_POSTAL_CODE]
, [CUST_CITY]
, [CUST_EMAIL]
, [CUST_TOTAL]
, [CUST_TOTAL_ID]
, [CUST_SRC_ID]
, [CUST_EFF_FROM]
, [CUST_EFF_TO]
, [CUST_VAL_ID]
FROM [SHDatabase].[dbo].[CUSTOMERS]
  
```

100 %

Results Messages

	CUST_ID	CUST_FIRST_NAME	CUST_LAST_NAME	CUST_GENDER	CUST_YEAR_OF_BIRTH	CUST_MARITAL_STATUS	CUST_STREET_ADDRESS	CUST_POSTAL_CODE	CUST_CITY
16	16	Macy	Littlefield	F	1947	married	37 Bradford Street	59200	Diss
17	17	Alyce	Reagan	F	1957	NULL	4780 Mackinaw Street	91316	Darwin
18	18	Raina	Cassidy	F	1932	single	5141 Rude Drive	66798	Alport
19	19	Kaula	Daley	F	1927	married	9880 Grades Circle	80149	Atalissa
20	20	Gabriela	Sean	F	1956	NULL	591 Cretan Turnpike	36029	Bethelpark
21	21	Yuri	Finch	F	1975	single	11418 Sommerfeld Street	37962	Fort William
22	22	Dolores	Moore	F	1961	married	2013 Geometrically Turnpike	31813	Aline
23	23	Bertide	Sexton	F	1925	divorced	11525 Vestiges Circle	68294	Alkmaar
24	24	Jensine	Crocker	F	1947	widow	296 Fuzziness Circle	51527	Altrincham
25	25	Effie	Crocker	F	1938	NULL	4802 Crooked Drive	48853	City of London

MySalary/MV
ReportServer
ReportServerTempDB
SHDatabase
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.CHANNELS
dbo.COSTS
dbo.COUNTRIES
dbo.CUSTOMERS
dbo.PRODUCTS
dbo.PROMOTIONS
dbo.SALES
dbo.TIMES
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security

```
SELECT  
    [PROD_TOTAL]  
    , [PROD_TOTAL_ID]  
    , [PROD_SRC_ID]  
    , [PROD_EFF_FROM]  
    , [PROD_EFF_TO]  
    , [PROD_VALID]  
FROM [SHDatabase].[dbo].[PRODUCTS]
```

100 %

PROD_ID	PROD_NAME	PROD_DESC	PROD_SUBCATEGORY	PROD_SUBCATEGORY_ID	PROD_SUBCATEGORY_DESC	
13	25	SIMM- 8MB PCMCIAII card	SIMM- 8MB PCMCIAII card	Memory	2033	Memory
14	26	SIMM- 16MB PCMCIAII card	SIMM- 16MB PCMCIAII card	Memory	2033	Memory
15	27	Multimedia speakers- 3" cones	Multimedia speakers- 3" cones	Accessories	2031	Accessories
16	28	Unix/Windows 1-user pack	Unix/Windows 1-user pack	Operating Systems	2052	Operating Systems
17	29	8.3 Minitower Speaker	8.3 Minitower Speaker	Home Audio	2012	Home Audio
18	30	Mouse Pad	Mouse Pad	Accessories	2051	Accessories
19	31	1.44MB External 3.5" Diskette	1.44MB External 3.5" Diskette	Accessories	2051	Accessories
20	32	Multimedia speakers- 5" cones	Multimedia speakers- 5" cones	Accessories	2031	Accessories
21	33	PCMCIA modem/fax 19200 baud	PCMCIA modem/fax 19200 baud	Modems/Fax	2034	Modems/Fax
22	34	External 6X CD-ROM	External 6X CD-ROM	CD-ROM	2032	CD-ROM

Query executed successfully. DESKTOP-SLT5O9T (13.0 RTM) | DESKTOP-SLT5O9T\PAUL (66) | SHDatabase | 00:00:00 | 72 rows

AdventureWorksDW2019
INVALDEZ
MySalary/MV
ReportServer
ReportServerTempDB
SHDatabase
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.CHANNELS
dbo.COSTS
dbo.COUNTRIES
dbo.CUSTOMERS
dbo.PRODUCTS
dbo.PROMOTIONS
dbo.SALES
dbo.TIMES
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security

```
SELECT  
    , [PROMO_CATEGORY_ID]  
    , [PROMO_COST]  
    , [PROMO_BEGIN_DATE]  
    , [PROMO_END_DATE]  
    , [PROMO_TOTAL]  
    , [PROMO_TOTAL_ID]  
FROM [SHDatabase].[dbo].[PROMOTIONS]
```

100 %

PROMO_ID	PROMO_NAME	PROMO_SUBCATEGORY	PROMO_SUBCATEGORY_ID	PROMO_CATEGORY	PROMO_CATEGORY_ID	PROMO_COST	PROMO_BEGIN_DATE	PROMO_END_DATE
1	33	post promotion #20-33	downtown billboard	20	post	9	77200	15-SEP-98
2	34	newspaper promotion #19-34	coupon news	19	newspaper	8	22400	16-JUL-98
3	35	TV promotion #12-35	TV commercial	12	TV	3	61600	30-NOV-98
4	36	everyday low price	newspaper	28	ad news	4	0	01-JUN-98
5	37	blowout sale	newspaper	28	ad news	4	0	01-JUN-98
6	38	post promotion #20-38	downtown billboard	20	post	9	33400	26-MAR-99
7	39	flyer promotion #23-39	hospital flyer	23	flyer	5	35800	11-MAY-00
8	40	newspaper promotion #19-40	coupon news	19	newspaper	8	10000	16-JUN-98
9	41	newspaper promotion #27-41	manufacture rebate news	27	newspaper	8	51600	23-OCT-99
10	42	TV promotion #13-42	TV program sponsorship	13	TV	3	68600	22-DEC-00

Graph Tables
dbo.CHANNELS
dbo.COSTS
dbo.COUNTRIES
dbo.CUSTOMERS
dbo.PRODUCTS
dbo.PROMOTIONS
dbo.SALES
dbo.TIMES
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security
Server Objects
Replication
PolyBase
Always On High Availability
Management
Integration Services Catalogue

```
FROM [SHDatabase].[dbo].[SALES]
```

100 %

PROD_ID	CUST_ID	TIME_ID	CHANNEL_ID	PROMO_ID	QUANTITY_SOLD	AMOUNT_SOLD	
43	13	6543	20-JAN-98	3	999	1	1232.16
44	13	7076	20-JAN-98	3	999	1	1232.16
45	13	7421	20-JAN-98	3	999	1	1232.16
46	13	8747	20-JAN-98	3	999	1	1232.16
47	13	8787	20-JAN-98	3	999	1	1232.16
48	13	8836	20-JAN-98	3	999	1	1232.16
49	13	9052	20-JAN-98	3	999	1	1232.16
50	13	9680	20-JAN-98	3	999	1	1232.16
51	13	9802	20-JAN-98	3	999	1	1232.16
52	13	10502	20-JAN-98	3	999	1	1232.16
53	13	10844	20-JAN-98	3	999	1	1232.16

System Tables
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External Tables
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dbo.CHANNELS
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dbo.COUNTRIES
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dbo.PRODUCTS
dbo.PROMOTIONS
dbo.SALES
dbo.TIMES
Views
External Resources
Synonyms
Programmability
Service Broker
Storage
Security
Server Objects
Replication
PolyBase
Always On High Availability
Management

```
SELECT  
    , [CALENDAR_QUARTER_NUMBER]  
    , [FISCAL_QUARTER_NUMBER]  
    , [CALENDAR_YEAR]  
    , [CALENDAR_YEAR_ID]  
    , [FISCAL_YEAR]  
    , [FISCAL_YEAR_ID]  
    , [DAYS_IN_CAL_YEAR]  
    , [DAYS_IN_FIS_YEAR]  
    , [END_OF_CAL_YEAR]  
    , [END_OF_FIS_YEAR]  
FROM [SHDatabase].[dbo].[TIMES]
```

100 %

TIME_ID	DAY_NAME	DAY_NUMBER_IN_WEEK	DAY_NUMBER_IN_MONTH	CALENDAR_WEEK_NUMBER	FISCAL_WEEK_NUMBER	WEEK_ENDING_DAY	WEEK_ENDING_DAY_ID	
1	01-APR-00	Saturday	6	1	13	13	02-APR-00	1469
2	01-APR-01	Sunday	7	1	13	13	01-APR-01	1462
3	01-APR-02	Monday	1	1	14	14	07-APR-02	1923
4	01-APR-98	Wednesday	3	1	14	14	05-APR-98	1490
5	01-APR-99	Thursday	4	1	13	13	04-APR-99	1482
6	01-AUG-00	Tuesday	2	1	31	31	06-AUG-00	1497
7	01-AUG-01	Wednesday	3	1	31	31	05-AUG-01	1491
8	01-AUG-02	Thursday	4	1	31	31	04-AUG-02	2069
9	01-AUG-98	Saturday	6	1	31	31	02-AUG-98	1470
10	01-AUG-99	Sunday	7	1	30	30	01-AUG-99	1463

SQL Query:

```
SELECT * FROM CHANNELS
SELECT * FROM PRODUCTS
SELECT * FROM PROMOTIONS
SELECT * FROM TIMES
SELECT * FROM COUNTRIES
SELECT * FROM CUSTOMERS
SELECT * FROM SALES
```

Results:

	CHANNEL_ID	CHANNEL_DESC	CHANNEL_CLASS	CHANNEL_CLASS_ID	CHANNEL_TOTAL	CHANNEL_TOTAL_ID
1	2	Partners	Others	14	Channel total	1
2	3	Direct Sales	Direct	12	Channel total	1
3	4	Internet	Indirect	13	Channel total	1
4	5	Catalog	Indirect	13	Channel total	1
5	9	Tele Sales	Direct	12	Channel total	1

	PROD_ID	PROD_NAME	PROD_DESC	PROD_SUBCATEGORY	PROD_SUBCATEGORY_ID	PROD_SUBCATEGORY_DESC	PROD_CAT
4	16	Y Box	Y Box	Game Consoles	2011	Game Consoles	Electronics
5	17	Mini DV Camcorder with 3.5"...	Mini DV Camcorder with 3.5"...	Camcorders	2041	Camcorders	Photo
6	18	Envoy Ambassador	Envoy Ambassador	Portable PCs	2022	Portable PCs	Hardware

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Proceso: [10576] DtsDebugHost.exe

Package.dtsx [Diseño]

Control Flow Data Flow Parameters Event Handlers Package

Data Flow Task: COUNTRIES

COUNTRIES

Origen de Excel

23 filas

IMPORTING COUNTRIES

Connection Managers

LocalHost.SHDatabase Excel Connection Manager Excel Connection Manager 6 Excel Connection Manager 7

Package execution completed with success. Click here to switch to design mode, or sele