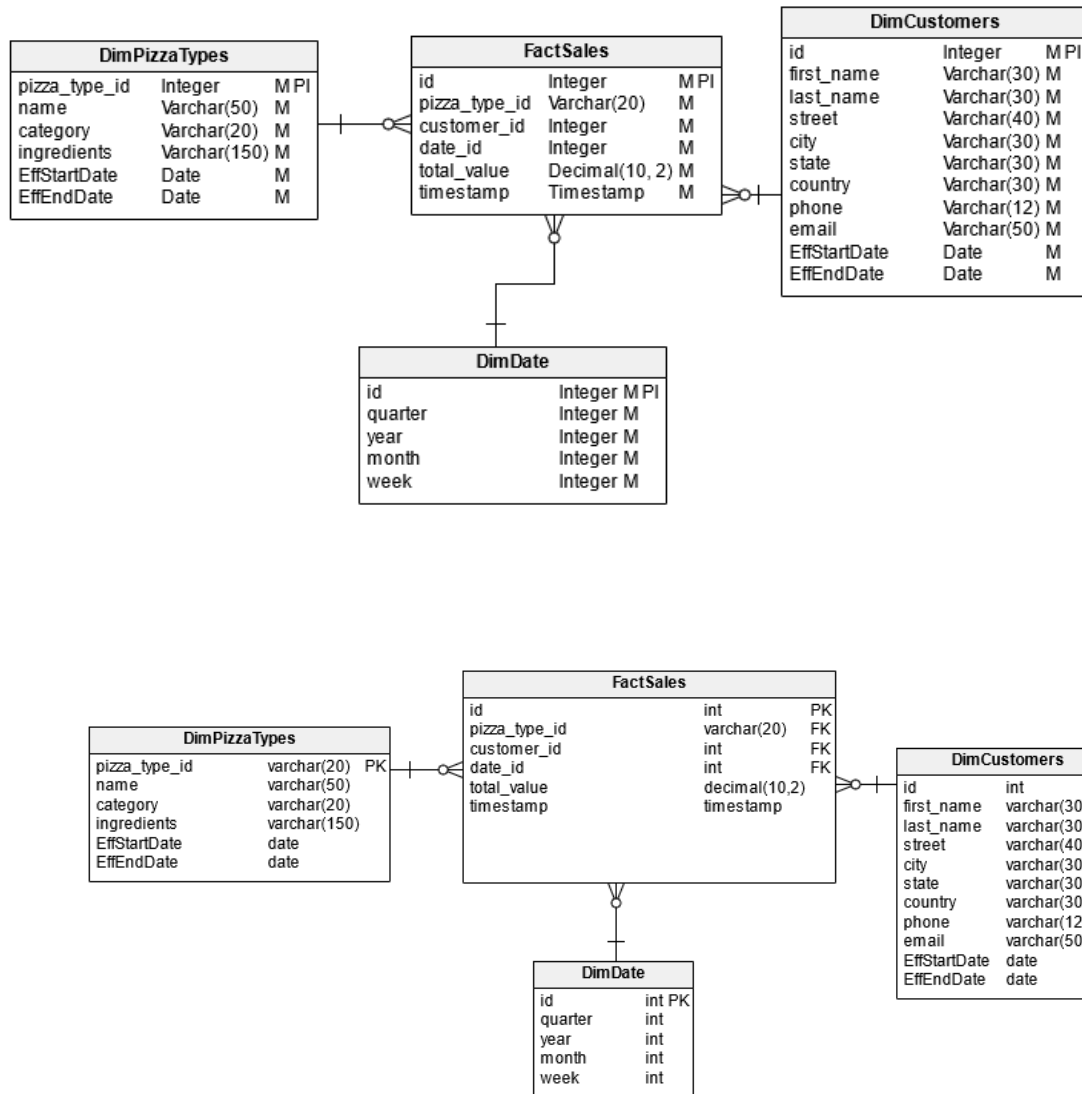
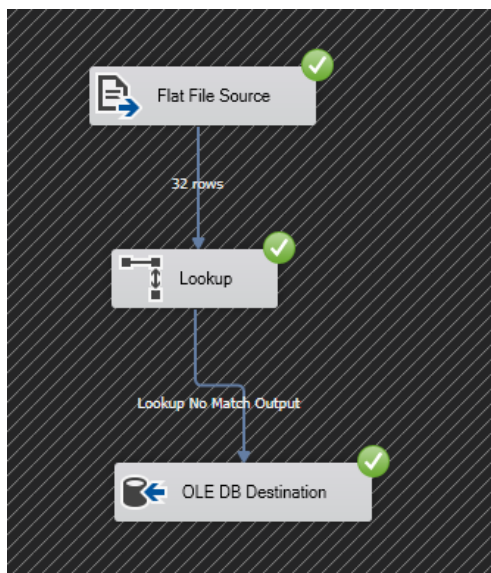


Zad1



Zad2



Object Explorer

Connect

SQL Server 15.0.2000.5 - LAPTOP-209R817N\wikto

Databases

System Databases

Database Snapshots

AdventureWorks2019

ciwczenia3

CW1

cwiczenia4_stagging

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.carrier

dbo.customers

dbo.order

dbo.order_details

dbo.pizza_types

dbo.pizzas

SQLQuery2.sql - (L...09R817N\wikto (62))

SQLQuery1.sql - (L...09R817N\wikto (55))

Script for SelectTopNRows command from SSMS

SELECT TOP (1000) [pizza_type_id]

,[name]

,[category]

,[ingredients]

FROM [cwiczenia4_stagging].[dbp].[pizza_types]

100 %

Results

Messages

	pizza_type_id	name	category	ingredients
1	bbq_ckn	The Barbecue Chicken Pizza	Chicken	"Barbecued Chicken, Red F
2	cali_ckn	The California Chicken Pizza	Chicken	"Chicken, Artichoke, Spinac
3	ckn_alfredo	The Chicken Alfredo Pizza	Chicken	"Chicken, Red Onions, Red
4	ckn_pesto	The Chicken Pesto Pizza	Chicken	"Chicken, Tomatoes, Red P
5	southw_ckn	The Southwest Chicken Pizza	Chicken	"Chicken, Tomatoes, Red P
6	thai_ckn	The Thai Chicken Pizza	Chicken	"Chicken, Pineapple, Tomat
7	big_meat	The Big Meat Pizza	Classic	"Bacon, Pepperoni, Italian S
8	classic_dlx	The Classic Deluxe Pizza	Classic	"Pepperoni, Mushrooms, Re
9	hawaiian	The Hawaiian Pizza	Classic	"Sliced Ham, Pineapple, Mo
10	ital_cpollo	The Italian Capocollo Pizza	Classic	"Capocollo, Red Peppers, T
11	napolitana	The Napolitana Pizza	Classic	"Tomatoes, Anchovies, Gre

Zad3

```

graph TD
    Source[OLE DB Source] -- "1 000 rows" --> SCD[Slowly Changing Dimension]
    SCD -- "Historical Attribute Inserts Output" --> DC1[Derived Column]
    SCD -- "Inferred Member Updates Output" --> ODBC1[OLE DB Command 1]
    SCD -- "Changing Attribute Updates Output" --> ODBC2[OLE DB Command 2]
    DC1 --> ODBC3[OLE DB Command]
    ODBC3 -- "New Output (1 000 rows)" --> UnionAll[Union All]
    ODBC1 --> UnionAll
    ODBC2 --> UnionAll
    UnionAll -- "1 000 rows" --> DC2[Derived Column 1]
    DC2 -- "1 000 rows" --> InsertDest[Insert Destination]
  
```



```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000) [id_num]
      ,[id]
      ,[first_name]
      ,[last_name]
      ,[street]
      ,[city]
      ,[state]
      ,[country]
      ,[phone]
      ,[email]
      ,[eff_start_date]
      ,[eff_end_date]
FROM [cwiczenia4_prod].[dbo].[customers]
where id = 1

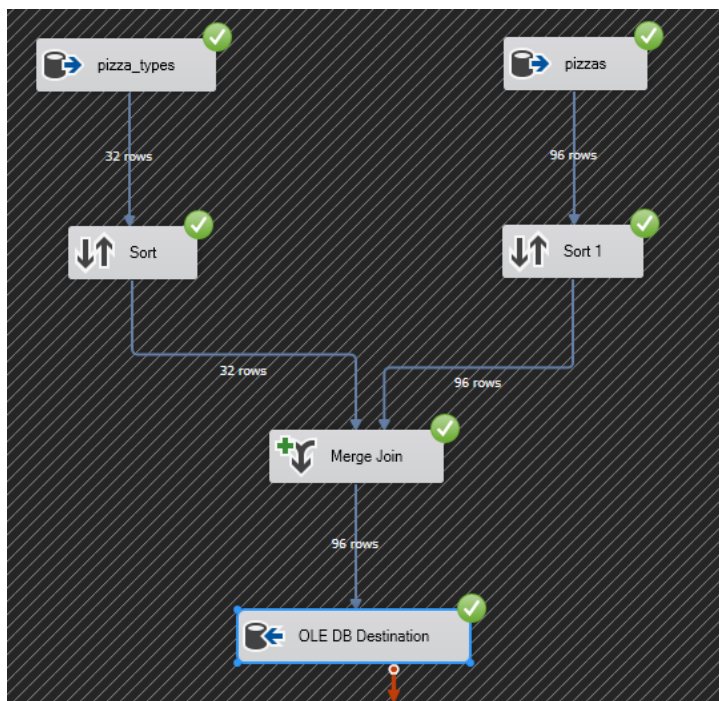
```

100 %

Results Messages

	id_num	id	first_name	last_name	street	city	state	country	phone	email	eff_start_date	eff_end_date
1	1	1	Anatol	Gronou	87931 Tony Court	New York City	Kansas	United States	211-695-5506	agronou0@emp.com	2022-11-02	2022-11-02
2	1001	1	Anatol	Gronou	87931 Tony Court	New York City	Kansas	United States	211-695-1234	agronou0@gmail.com	2022-11-02	NULL

Zad 4



```

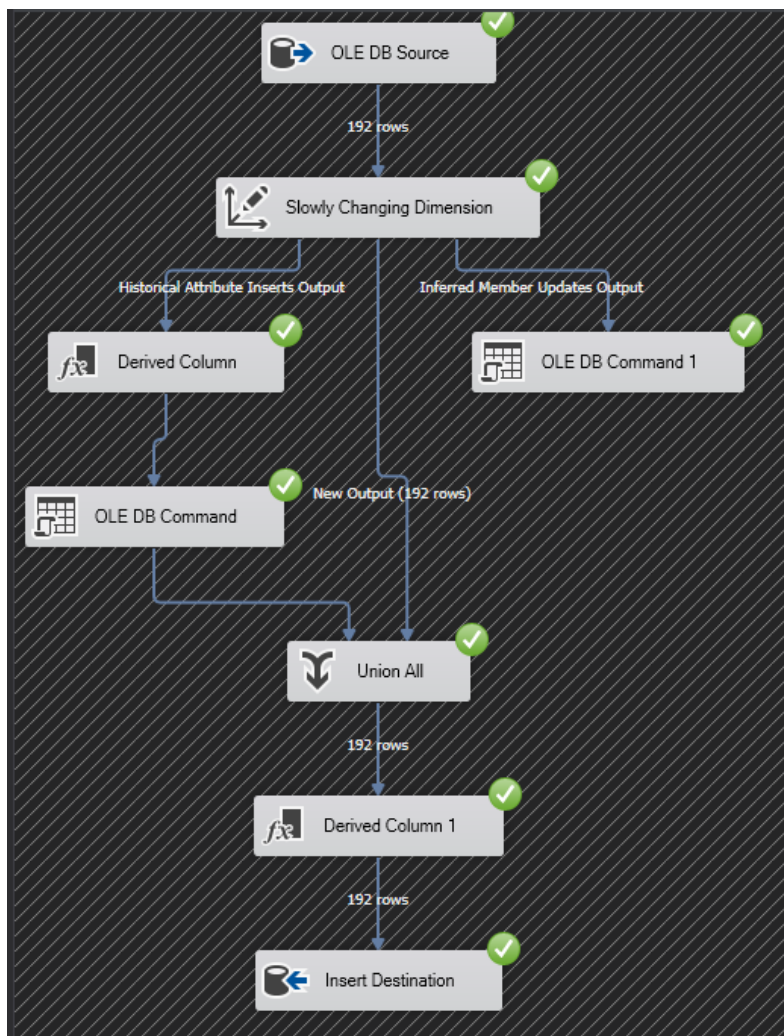
/***** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000) [pizza_type_id]
      ,[name]
      ,[category]
      ,[ingredients]
      ,[pizza_id]
      ,[size]
      ,[price]
FROM [cwiczenia4_stagging].[dbo].[DIMPizzaTypes]

```

100 %

Results Messages

	pizza_type_id	name	category	ingredients	pizza_id	size	price
1	bbq_ckn	The Barbecue Chicken Pizza	Chicken	"Barbecued Chicken, Red Peppers, Green Peppers, ..."	bbq_ckn_s	S	12.75
2	bbq_ckn	The Barbecue Chicken Pizza	Chicken	"Barbecued Chicken, Red Peppers, Green Peppers, ..."	bbq_ckn_m	M	16.75
3	bbq_ckn	The Barbecue Chicken Pizza	Chicken	"Barbecued Chicken, Red Peppers, Green Peppers, ..."	bbq_ckn_l	L	20.75
4	big_meat	The Big Meat Pizza	Classic	"Bacon, Pepperoni, Italian Sausage, Chorizo Sausage"	big_meat_l	L	20.5
5	big_meat	The Big Meat Pizza	Classic	"Bacon, Pepperoni, Italian Sausage, Chorizo Sausage"	big_meat_m	M	16
6	big_meat	The Big Meat Pizza	Classic	"Bacon, Pepperoni, Italian Sausage, Chorizo Sausage"	big_meat_s	S	12
7	brie_care	The Brie Care Pizza	Supreme	"Brie Care Cheese, Prosciutto, Caramelized Onions, P..."	brie_care_s	S	23.65
8	calabrese	The Calabrese Pizza	Supreme	"Nduja Salami, Pancetta, Tomatoes, Red Onions, Fri..."	calabrese_m	M	16.25
9	calabrese	The Calabrese Pizza	Supreme	"Nduja Salami, Pancetta, Tomatoes, Red Onions, Fri..."	calabrese_s	S	12.25
10	calabrese	The Calabrese Pizza	Supreme	"Nduja Salami, Pancetta, Tomatoes, Red Onions, Fri..."	calabrese_l	L	20.25
11	cali_ckn	The California Chicken Pizza	Chicken	"Chicken, Artichoke, Spinach, Garlic, Jalapeno Pepp..."	cali_ckn_l	L	20.75
12	cali_ckn	The California Chicken Pizza	Chicken	"Chicken, Artichoke, Spinach, Garlic, Jalapeno Pepp..."	cali_ckn_s	S	12.75
13	cali_ckn	The California Chicken Pizza	Chicken	"Chicken, Artichoke, Spinach, Garlic, Jalapeno Pepp..."	cali_ckn_m	M	16.75
14	ckn_alfredo	The Chicken Alfredo Pizza	Chicken	"Chicken, Red Onions, Red Peppers, Mushrooms, Asi..."	ckn_alfred...	S	12.75



Zad5

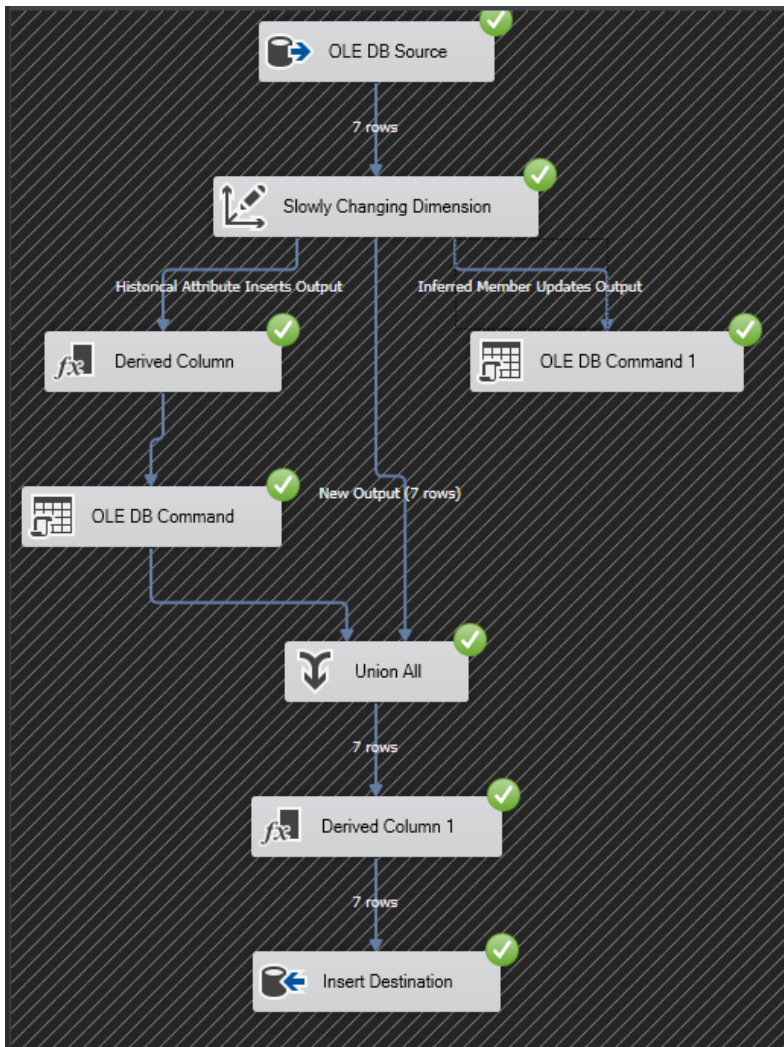
SELECT * FROM dimdate;

100 %

Results Messages

	key	date	quarter	year	month	week
1	2015101	2015-01-01	1	2015	1	1
2	2015102	2015-01-02	1	2015	1	1
3	2015103	2015-01-03	1	2015	1	1
4	2015104	2015-01-04	1	2015	1	2
5	2015105	2015-01-05	1	2015	1	2
6	2015106	2015-01-06	1	2015	1	2
7	2015107	2015-01-07	1	2015	1	2

Zad 6



***** Script for Selection knows command from SSMS *****

```

SELECT TOP (1000) [id_num]
,[carrier_id]
,[carrier_name]
,[address]
,[tax_id]
,[contact_person]
,[eff_start_date]
,[eff_end_date]
FROM [cwiczenia4_prod].[dbo].[carrier]
  
```

100 %

Results Messages

	id_num	carrier_id	carrier_name	address	tax_id	contact_person	eff_start_date	eff_end
1	1	"1"	Bolt	""711 County Rd #44"			2022-11-02	NULL
2	2	"Marion"	Alabama(AL)	36756""	80794	a.adams@bolt.com"	2022-11-02	NULL
3	3	"2"	Uber	""124 Elizabethton Way"			2022-11-02	NULL
4	4	"Clinton"	Tennessee(TN)	37716""	516387	b.bonsohn@uber.com"	2022-11-02	NULL
5	5	"3"	Volt	""29741 Little Bear Dr"			2022-11-02	NULL
6	6	"Danbury"	Wisconsin(WI)	54830""	162056	c.callente@volt.com"	2022-11-02	NULL
7	7	4	Own	n/a	563452	n/a	2022-11-02	NULL

