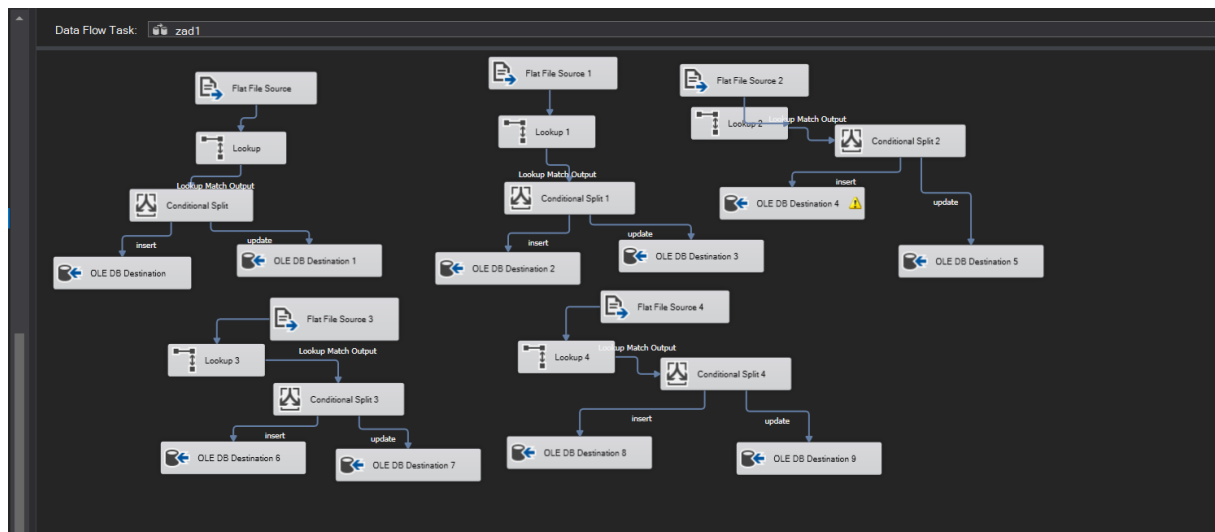


Zad 1



Enter SQL Query

```

update sc
set sc.first_name = tu.first_name

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];

update sc
set sc.email = tu.email

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];

update sc
set sc.phone = tu.phone

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];

update sc
set sc.last_name = tu.last_name

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];
update sc
set sc.street = tu.street

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];

update sc
set sc.city = tu.city

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];

update sc
set sc.country = tu.country

from [dbo].[Customers] sc
inner join [cwiczenia4_staging].[dbo].[table_updatenew] tu on tu.[id] = sc.[id];

```

Zad 2

Enter SQL Query

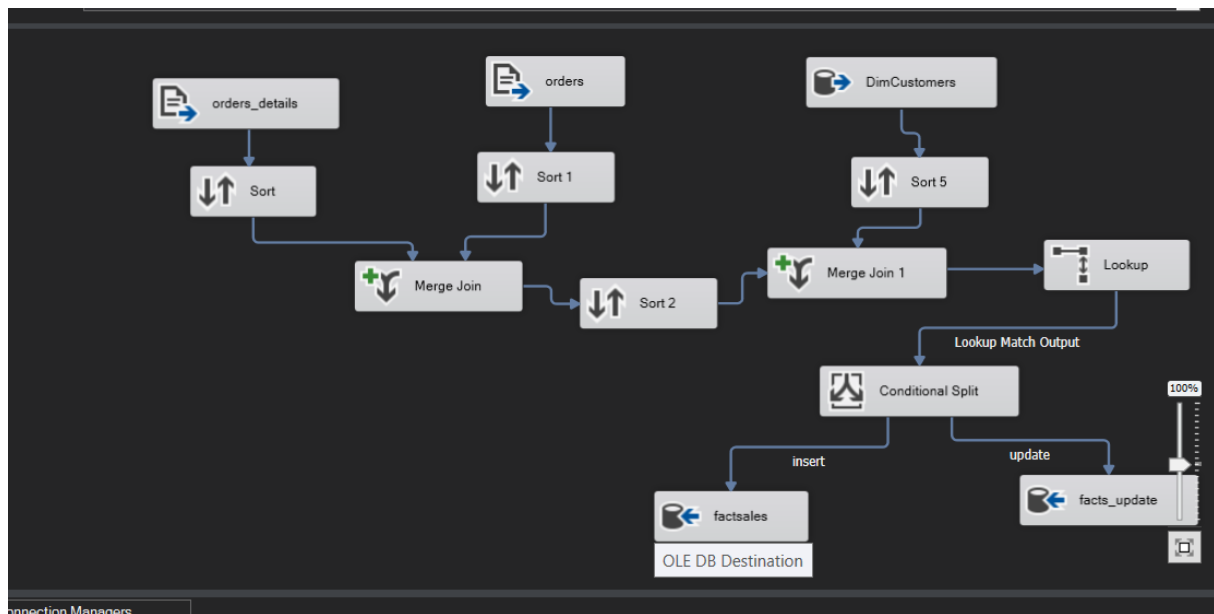
```
USE [cwiczenia4_prod]
GO

/***** Object: Table [dbo].[facts_update]  Script Date: 05.11.2022 17:01:34 *****/
IF EXISTS (SELECT * FROM sys.objects WHERE object_id = OBJECT_ID(N'[dbo].[facts_update]') AND type in (N'U'))
DROP TABLE [dbo].[facts_update]
GO

/***** Object: Table [dbo].[facts_update]  Script Date: 05.11.2022 17:01:34 *****/
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[facts_update](
    [order_details_id] [varchar](50) NULL,
    [order_id] [varchar](50) NULL,
    [pizza_id] [varchar](50) NULL,
    [quantity] [varchar](50) NULL,
    [date] [varchar](50) NULL,
    [time] [varchar](50) NULL,
    [carrier_id] [varchar](50) NULL,
    [customer_id] [int] NULL,
    [dest_order_details_id] [varchar](50) NULL,
    [dest_order_id] [varchar](50) NULL,
    [dest_pizza_id] [varchar](50) NULL,
    [dest_quantity] [varchar](50) NULL,
    [dest_date] [varchar](50) NULL,
    [dest_time] [varchar](50) NULL,
    [dest_carrier_id] [varchar](50) NULL,
    [dest_customer_key] [int] NULL
) ON [PRIMARY]
GO
```



Enter SQL Query

```

update fs
set fs."time" = fu."time"

from [cwiczenia4_prod].[dbo].[facts_update] fu
inner join [cwiczenia4_prod].[dbo].[factsales] fs on fs.[order_id]= fu.[order_id] ;

update fs
set fs."date" = fu."date"

from [cwiczenia4_prod].[dbo].[facts_update] fu
inner join [cwiczenia4_prod].[dbo].[factsales] fs on fs.[order_id]= fu.[order_id]

update fs
set fs."time" = fu."time"

from [cwiczenia4_prod].[dbo].[facts_update] fu
inner join [cwiczenia4_prod].[dbo].[factsales] fs on fs.[order_id]= fu.[order_id] ;

update fs
set fs."date" = fu."date"

from [cwiczenia4_prod].[dbo].[facts_update] fu
inner join [cwiczenia4_prod].[dbo].[factsales] fs on fs.[order_id]= fu.[order_id]

update fs
set fs.quantity = fu.quantity

from [cwiczenia4_prod].[dbo].[facts_update] fu
inner join [cwiczenia4_prod].[dbo].[factsales] fs on fs.[order_id]= fu.[order_id] ;

update fs
set fs.order_details_id = fu.order_details_id

from [cwiczenia4_prod].[dbo].[facts_update] fu
inner join [cwiczenia4_prod].[dbo].[factsales] fs on fs.[order_id]= fu.[order_id]

```

Zad 3

SQLQuery4.sql - (lo...90)\Kierownik (59) SQLQuery3.sql - (lo...90)\Kierownik (58) SQLQuery2.sql - (lo...90)\Kierownik (56) SQLQuery1.sql - (lo...90)\Kierownik (53)

```
create clustered index ix_clustered_state on [dbo].[DimCustomers] ([state]);

select * from [dbo].[DimCustomers]
```

100 %

Results Messages

	id_num	id	first_name	last_name	street	city	state	country	phone	email	eff_start_date	eff_end_date
1	27	27	Yardley	Stovell	2400 Quincy Avenue	Mobile	Alabama	United States	251-955-2202	ystovellq@flickr.com	2022-10-31	NULL
2	151	151	Willy	Lawfull	2 Bartlett Point	Montgomery	Alabama	United States	334-735-6242	wlawfull46@reference.com	2022-10-31	NULL
3	223	223	Audry	Spriddle	7 Lindbergh Plaza	Mobile	Alabama	United States	251-216-1369	aspriddle66@furl.net	2022-10-31	NULL
4	242	242	Rozella	Leabeater	3032 Beilfuss Plaza	Birmingham	Alabama	United States	205-915-1046	rleabeater6p@networkadvertising.org	2022-10-31	NULL
5	289	289	Chelsey	Frears	33 Sunfield Road	Birmingham	Alabama	United States	205-325-0582	cfrears80@usatoday.com	2022-10-31	NULL
6	389	389	Zorine	Lambert-Ciorwyn	8 Ludington Lane	Birmingham	Alabama	United States	205-986-6473	zlambertciorwynas@netscape.com	2022-10-31	NULL
7	422	422	Katuscha	Droghan	36661 Sage Lane	Huntsville	Alabama	United States	256-263-5176	kdroghanbp@webden.co.uk	2022-10-31	NULL
8	576	576	Burton	Dorre	22 Lindbergh Street	Montgomery	Alabama	United States	334-596-2230	bdorrefz@purevolume.com	2022-10-31	NULL
9	727	727	Merilee	Hamman	462 Roth Crossing	Mobile	Alabama	United States	251-963-9616	mhammank6@google.com.br	2022-10-31	NULL
10	795	795	Ferguson	Westraw	195 Norway Maple Point	Birmingham	Alabama	United States	205-365-5426	fwestrawm2@barnesandnoble.com	2022-10-31	NULL

Zad 4

SQLQuery8.sql - (lo...90\Kierownik (66))* SQLQuery6.sql - (lo...90\Kierownik (68))* SQLQuery3.sql - (lo...90\Kierownik (55))* SQLQuery1.sql - (lo...90\Kierownik (58))*

```

create view carrier_sales with schemabinding as
SELECT fs.[order_details_id]
,fs.[order_id]
,fs.[pizza_id]
,fs.[quantity]
,fs.[date]
,fs.[time]
,cr.[carrier_id]
,fs.[customer_key]
,cr.[carrier_name]
,cr.[address]
,cr.[tax_id]
,cr.[contact_person]
FROM [dbo].[FactSales] fs
join [dbo].[Carrier] cr on cr.carrier_id = fs.carrier_id

create unique clustered index IX_carrier_sales ON
[cwiczenia4_prod].[dbo].[carrier_sales]
([order_details_id]
,[order_id]
,[pizza_id]
,[quantity]
,[date]
,[time]
,[carrier_id]
,[customer_key]
,[carrier name])

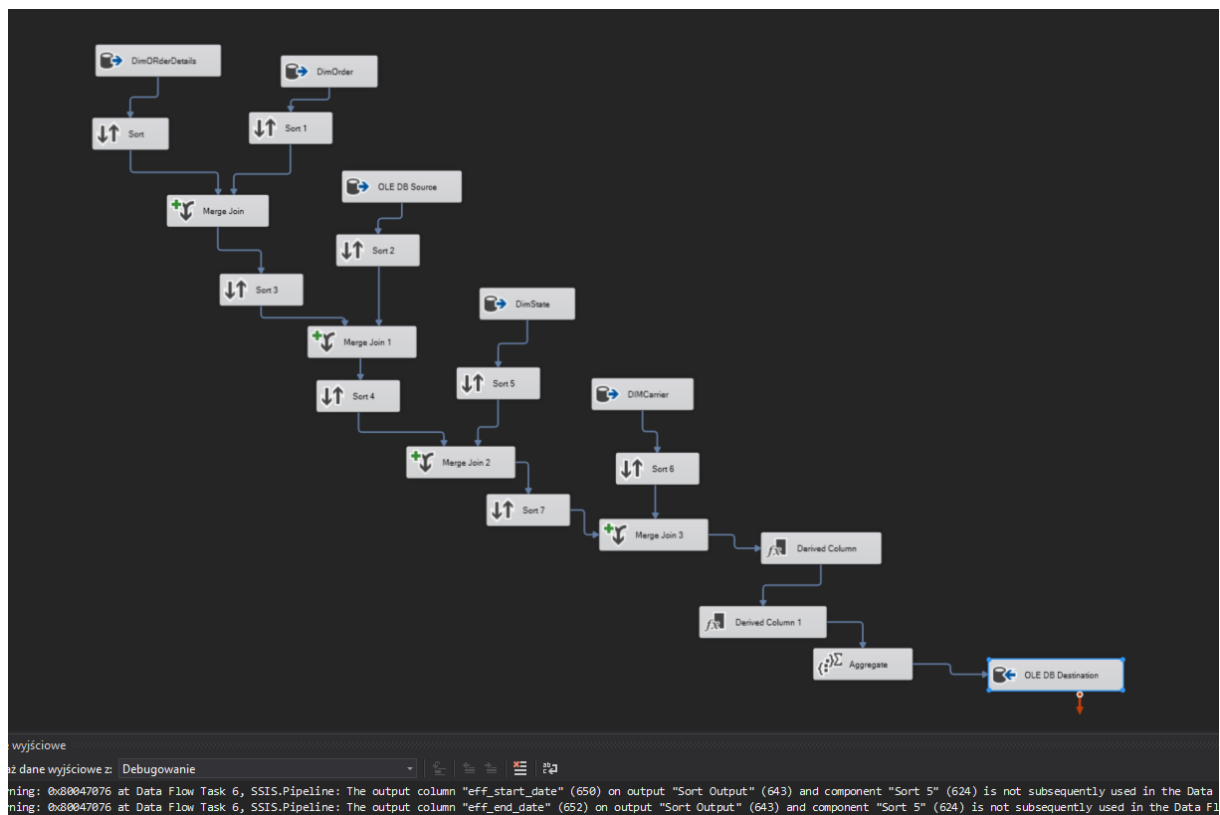
```

100 %

Results Messages

	order_details_id	order_id	pizza_id	quantity	date	time	carrier_id	customer_key	carrier_name	address	tax_id	contact_person
1	1000	439	ckn_allredo_m	1	17.01.2015	17:24:24	4	259	Own	n/a	563452	n/a
2	10002	4379	mexicana_j	1	17.06.2015	12:39:08	4	846	Own	n/a	563452	n/a
3	10008	4381	ital_cpello_s	1	17.06.2015	13:33:29	4	201	Own	n/a	563452	n/a
4	10011	4381	spicy_ital_j	1	17.06.2015	14:08:34	4	812	Own	n/a	563452	n/a
5	10017	4384	bbq_ckn_j	1	17.06.2015	15:18:19	4	722	Own	n/a	563452	n/a
6	10024	4386	napolitana_m	1	17.06.2015	16:56:53	4	460	Own	n/a	563452	n/a

Zad 5



```

/***** Script for SelectTopNRows command from SSMS *****/
SELECT TOP (1000) [date]
, [state]
, [amount]
FROM [cwiczenia4_prod].[dbo].[factSales2]

```

100 %

Results Messages

	date	state	amount
28	17.08.2015	Mississippi	456.2500
29	12.05.2015	New York	85.7500
30	31.03.2015	New Brunswick	115.5000
31	30.07.2015	District of Columbia	228.0000
32	07.05.2015	Oklahoma	133.0500
33	22.07.2015	Ontario	323.2500
34	20.03.2015	Texas	397.5000
35	11.05.2015	QuÃ©bec	944.9000
36	07.09.2015	District of Columbia	361.5000
37	26.05.2015	Nevada	285.0000
38	17.11.2015	Louisiana	515.0000
39	02.01.2015	Pennsylvania	268.7500
40	20.02.2015	Colorado	826.5000
41	17.07.2015	British Columbia	255.5000
42	17.10.2015	New Brunswick	268.5000
43	19.02.2015	Florida	519.2000
44	04.12.2015	Virginia	367.5000