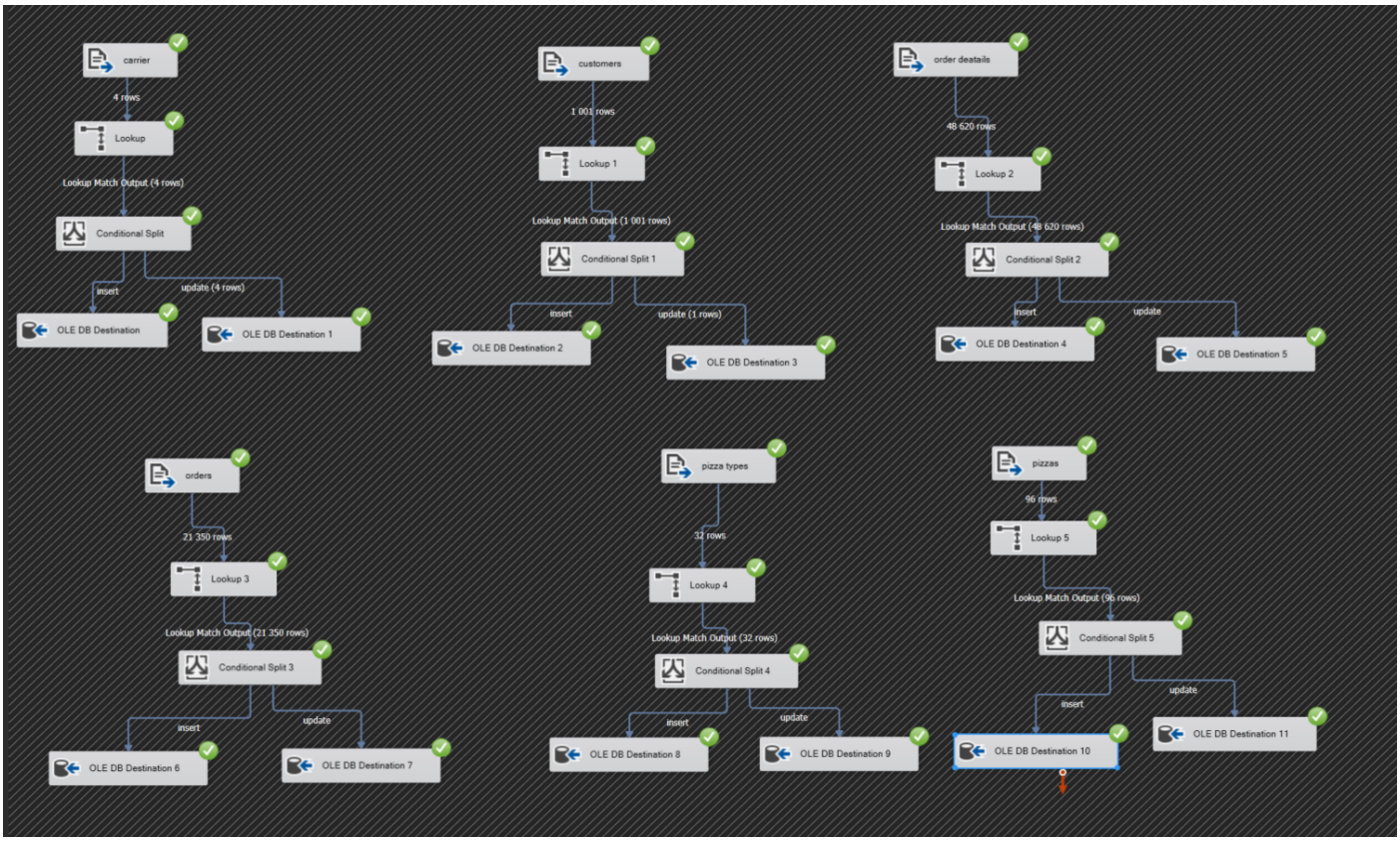
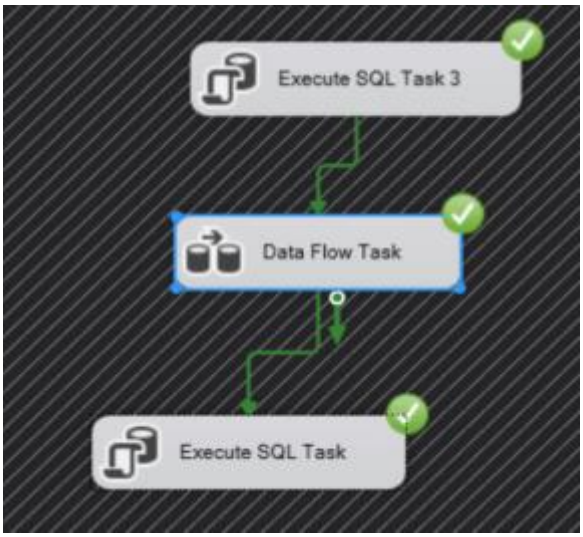
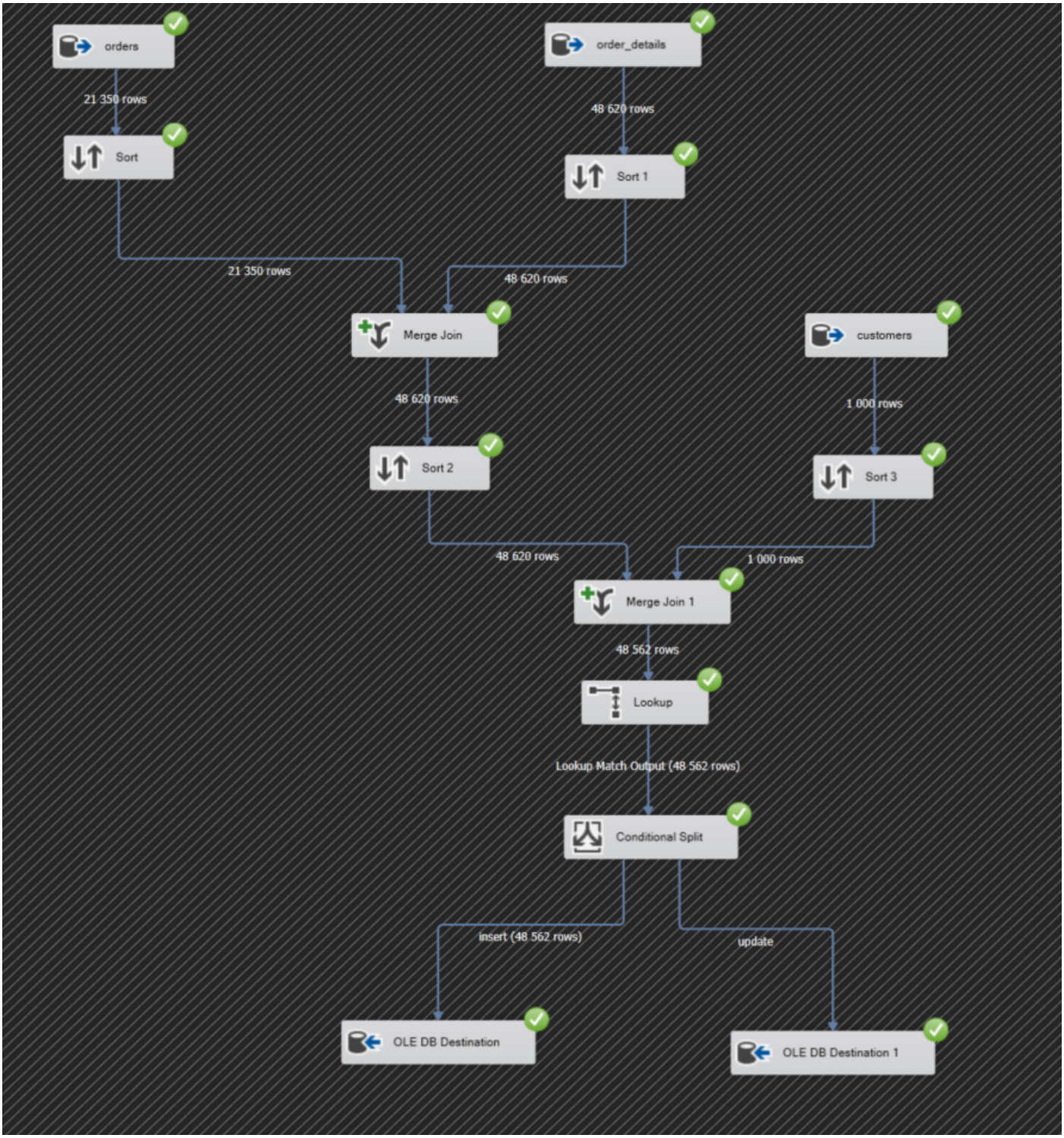
Zad1

carrier
customers
order deatails
orders
pizza types
Flat File Source
4 rows
1 001 rows
48 620 rows
21 350 rows
32 rows
96 rows
OLE DB Destination
OLE DB Destination 1
OLE DB Destination 2
OLE DB Destination 3
OLE DB Destination 4
OLE DB Destination 5

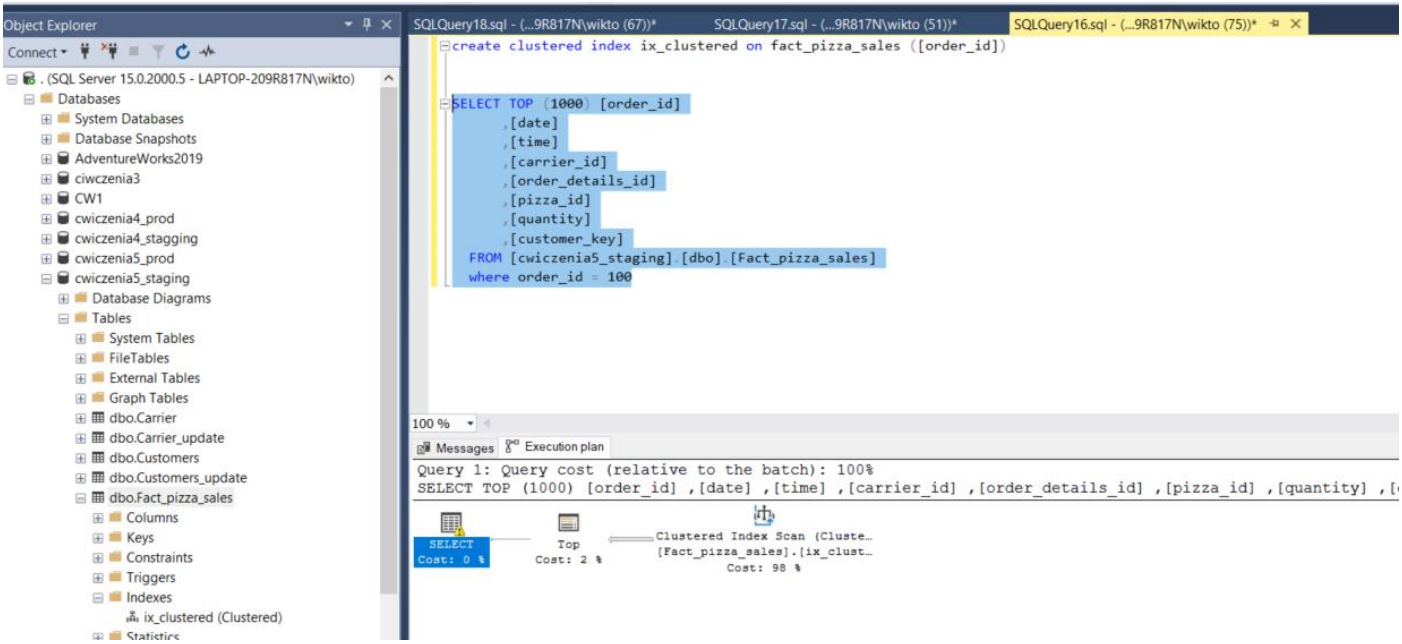

carrier
4 rows
Lookup
Lookup Match Output (4 rows)
Conditional Split
insert
update (4 rows)
OLE DB Destination
OLE DB Destination 1
customers
1 001 rows
Lookup 1
Lookup Match Output (1 001 rows)
Conditional Split 1
insert
update (1 rows)
OLE DB Destination 2
OLE DB Destination 3
order deatails
48 620 rows
Lookup 2
Lookup Match Output (48 620 rows)
Conditional Split 2
insert
update
OLE DB Destination 4
OLE DB Destination 5
orders
21 350 rows
Lookup 3
Lookup Match Output (21 350 rows)
Conditional Split 3
insert
update
OLE DB Destination 6
OLE DB Destination 7
pizza types
32 rows
Lookup 4
Lookup Match Output (32 rows)
Conditional Split 4
insert
update
OLE DB Destination 8
OLE DB Destination 9
pizzas
96 rows
Lookup 5
Lookup Match Output (96 rows)
Conditional Split 5
insert
update
OLE DB Destination 10
OLE DB Destination 11

Zad2

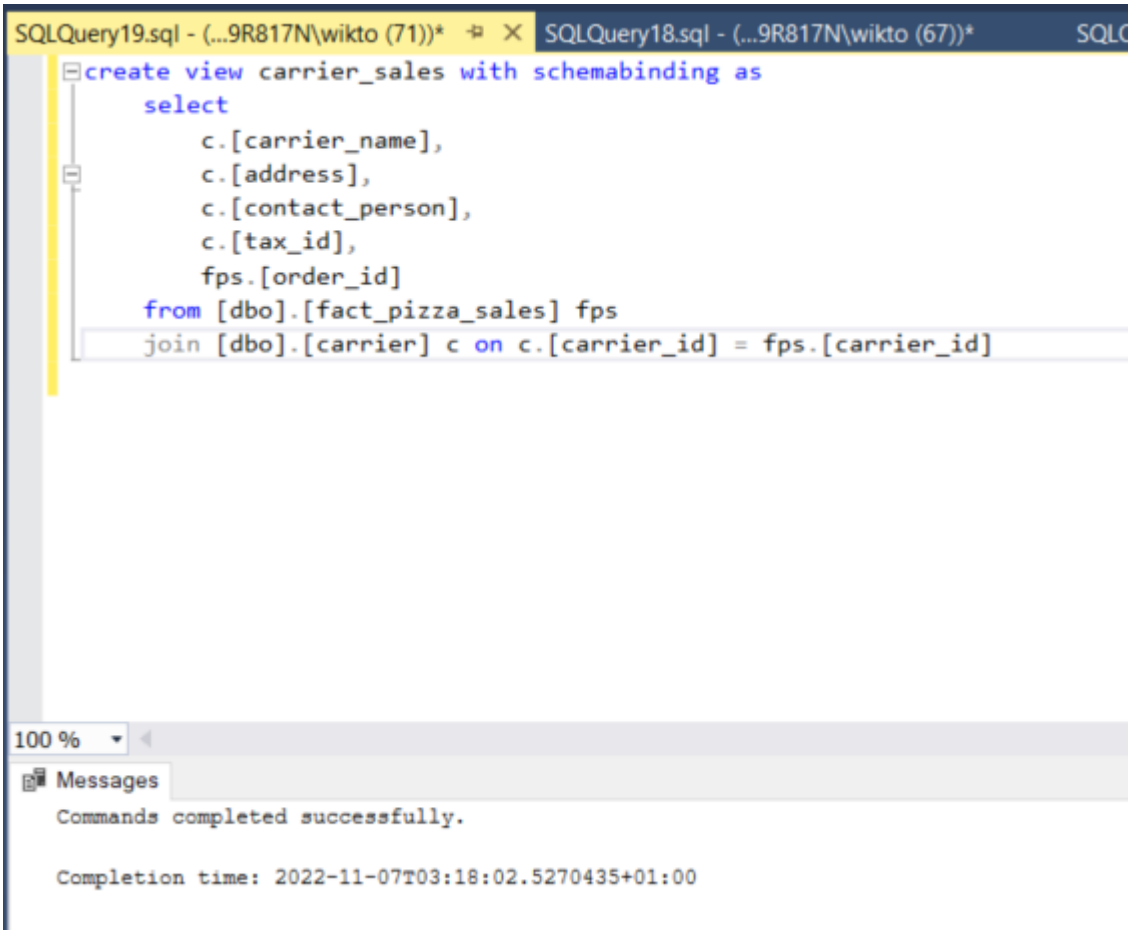

Execute SQL Task 3
Data Flow Task
Execute SQL Task


orders
21 350 rows
Sort
order_details
48 620 rows
Sort 1
21 350 rows
48 620 rows
Merge Join
customers
48 620 rows
1 000 rows
Sort 2
Sort 3
48 620 rows
1 000 rows
Merge Join 1
48 562 rows
Lookup
Lookup Match Output (48 562 rows)
Conditional Split
insert (48 562 rows)
update
OLE DB Destination
OLE DB Destination 1

Zad3


Object Explorer
Connect
. (SQL Server 15.0.2000.5 - LAPTOP-209R817N\wikto)
Databases
System Databases
Database Snapshots
AdventureWorks2019
ciwczenia3
CW1
cwiczenia4_prod
cwiczenia4_stagging
cwiczenia5_prod
cwiczenia5_staging
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.Carrier
dbo.Carrier_update
dbo.Customers
dbo.Customers_update
dbo.Fact_pizza_sales
Columns
Keys
Constraints
Triggers
Indexes
ix_clustered (Clustered)
SQLQuery18.sql - (...9R817N\wikto (67))*
SQLQuery17.sql - (...9R817N\wikto (51))*
SQLQuery16.sql - (...9R817N\wikto (75))*
create clustered index ix_clustered on fact_pizza_sales ([order_id])
SELECT TOP (1000) [order_id]
,[date]
,[time]
,[carrier_id]
,[order_details_id]
,[pizza_id]
,[quantity]
,[customer_key]
FROM [cwiczenia5_staging].[dbo].[Fact_pizza_sales]
where order_id = 100
100 %
Messages
Execution plan
Query 1: Query cost (relative to the batch): 100%
SELECT TOP (1000) [order_id] ,[date] ,[time] ,[carrier_id] ,[order_details_id] ,[pizza_id] ,[quantity] ,[
SELECT
Cost: 0 %
Top
Cost: 2 %
Clustered Index Scan (Cluste…
[Fact_pizza_sales].[ix_clust…
Cost: 98 %

Zad4


SQLQuery19.sql - (...9R817N\wikto (71))*
SQLQuery18.sql - (...9R817N\wikto (67))*
create view carrier_sales with schemabinding as
select
c.[carrier_name],
c.[address],
c.[contact_person],
c.[tax_id],
fps.[order_id]
from [dbo].[fact_pizza_sales] fps
join [dbo].[carrier] c on c.[carrier_id] = fps.[carrier_id]
100 %
Messages
Commands completed successfully.
Completion time: 2022-11-07T03:18:02.5270435+01:00