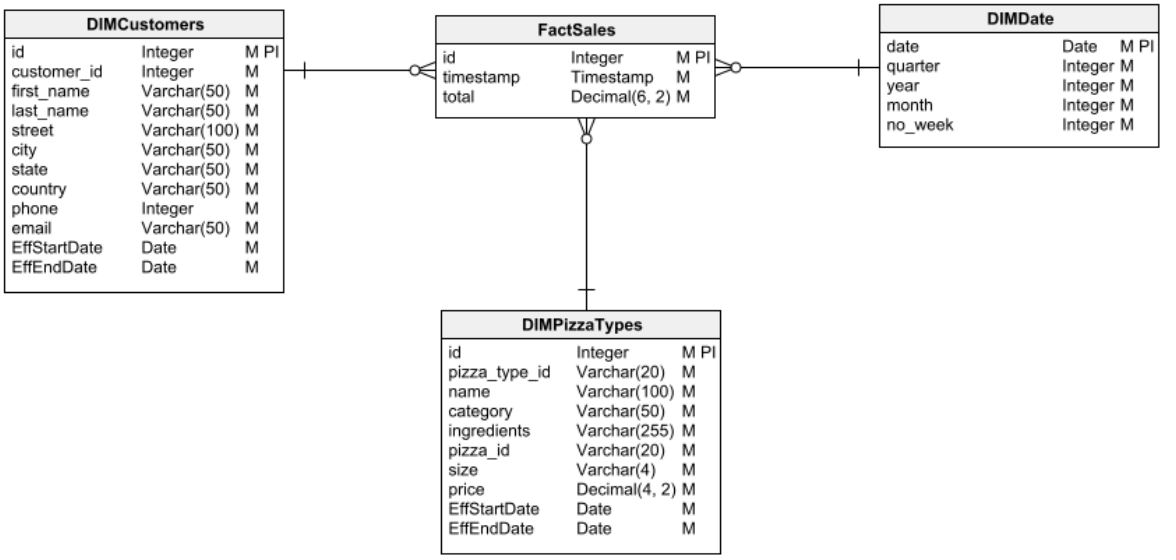
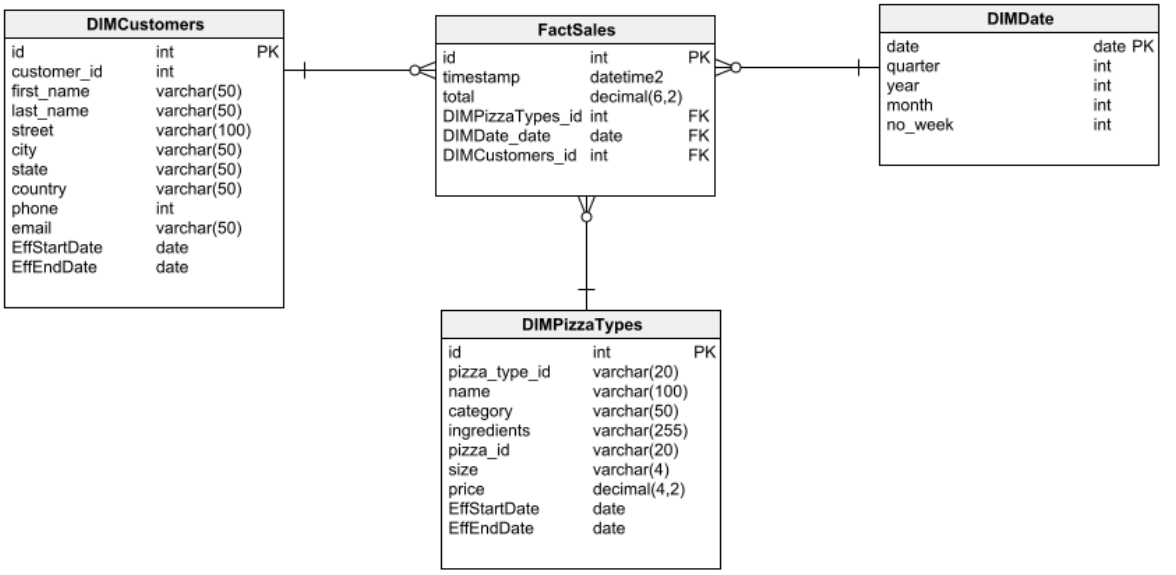
Exercise 1

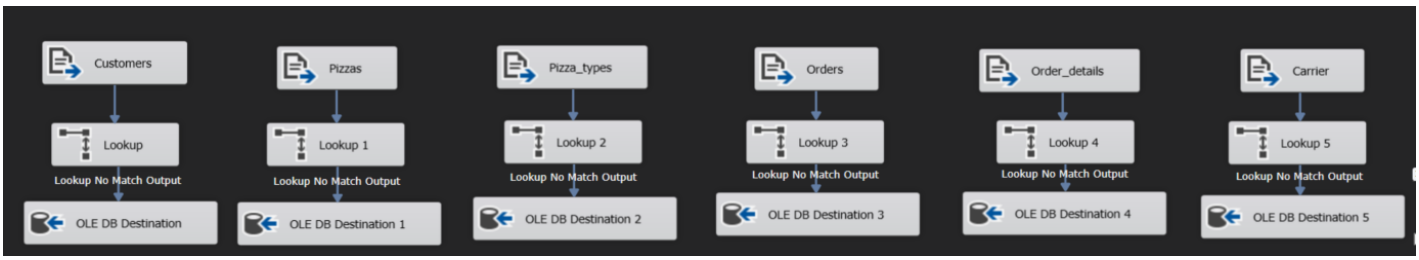
Logical model



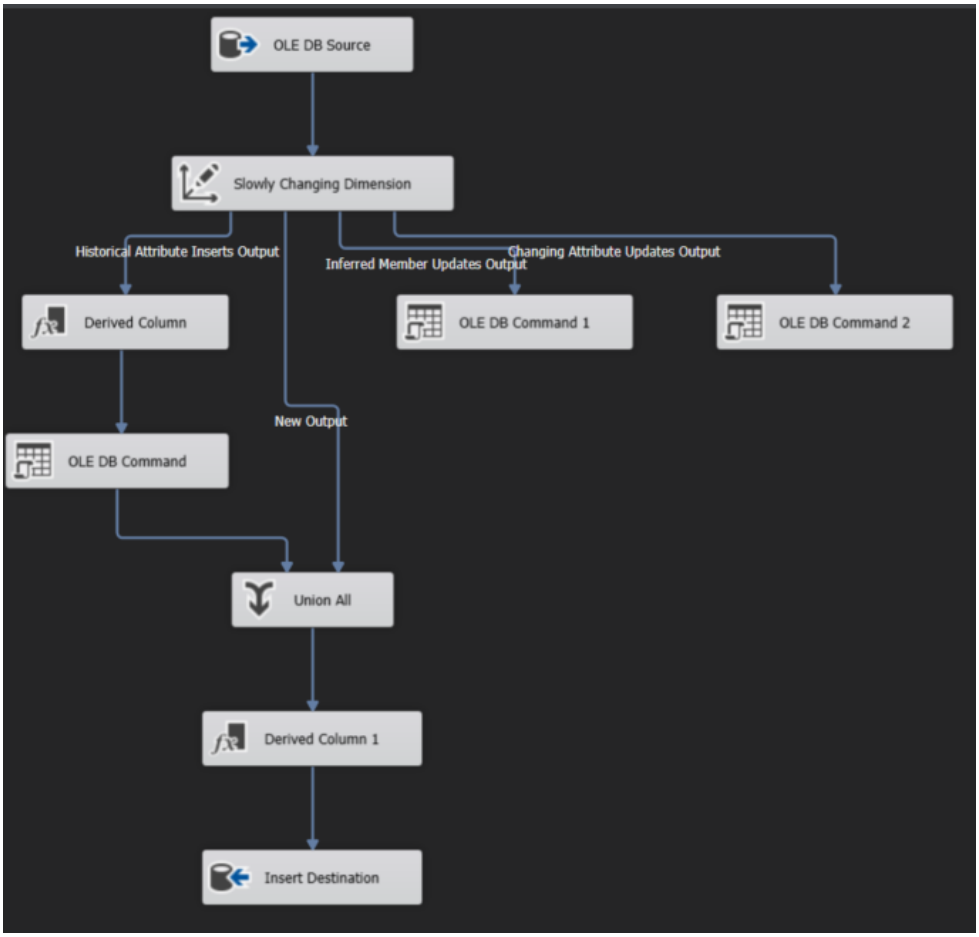
Physical model



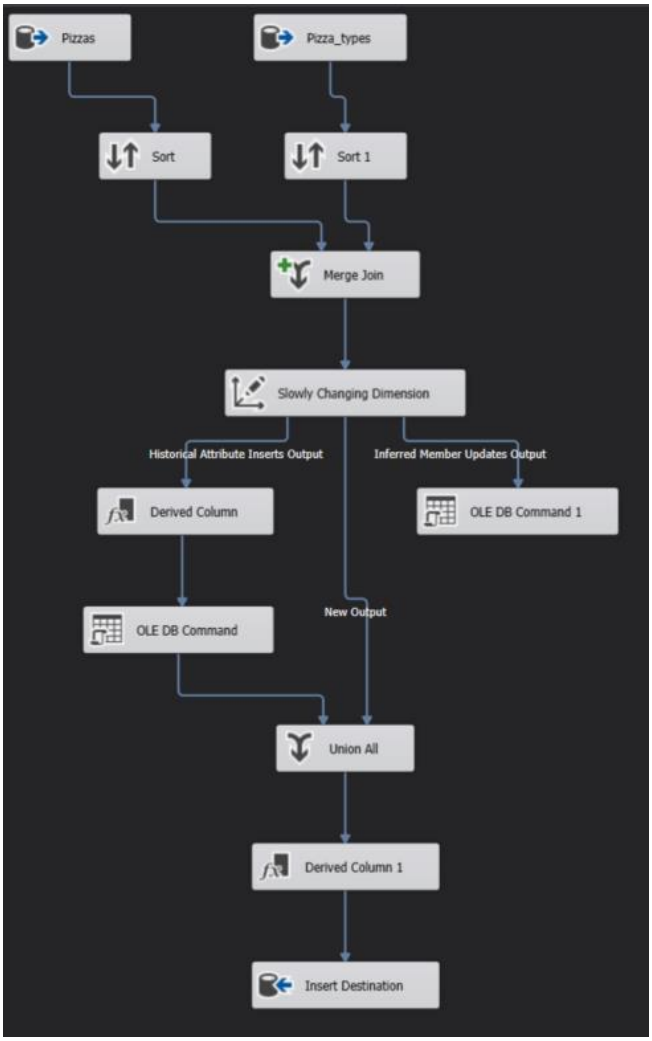
Exercise 2



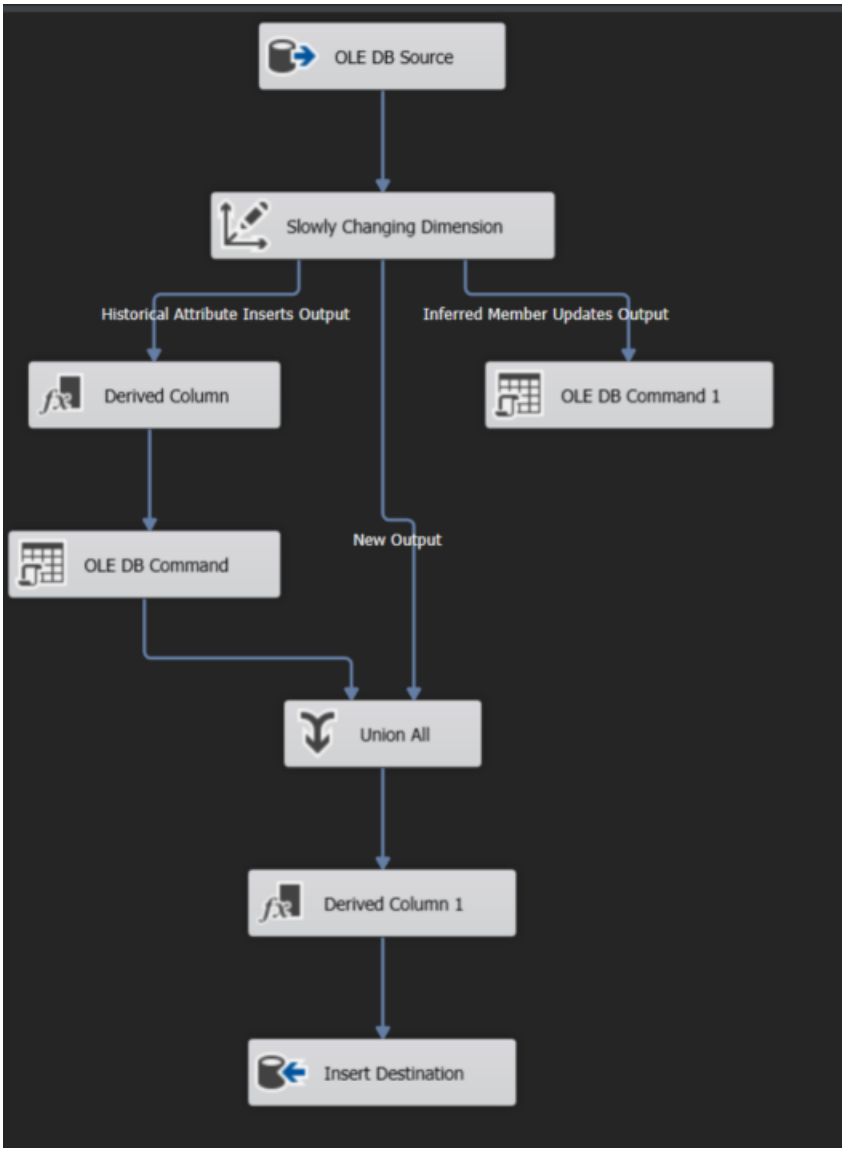
Exercise 3


OLE DB Source
Slowly Changing Dimension
Historical Attribute Inserts Output
Inferred Member Updates Output
Changing Attribute Updates Output
Derived Column
OLE DB Command 1
OLE DB Command 2
New Output
OLE DB Command
Union All
Derived Column 1
Insert Destination

Exercise 4


Pizzas
Pizza_types
Sort
Sort 1
Merge Join
Slowly Changing Dimension
Historical Attribute Inserts Output
Inferred Member Updates Output
Derived Column
OLE DB Command 1
OLE DB Command
New Output
Union All
Derived Column 1
Insert Destination

Exercise 5

	TheDate	TheWeek	TheMonth	TheQuarter	TheYear
1	2015-01-01	1	1	1	2015
2	2015-01-02	1	1	1	2015
3	2015-01-03	1	1	1	2015
4	2015-01-04	2	1	1	2015
5	2015-01-05	2	1	1	2015
6	2015-01-06	2	1	1	2015
7	2015-01-07	2	1	1	2015
8	2015-01-08	2	1	1	2015
9	2015-01-09	2	1	1	2015
10	2015-01-10	2	1	1	2015
11	2015-01-11	3	1	1	2015
12	2015-01-12	3	1	1	2015
13	2015-01-13	3	1	1	2015

Exercise 6