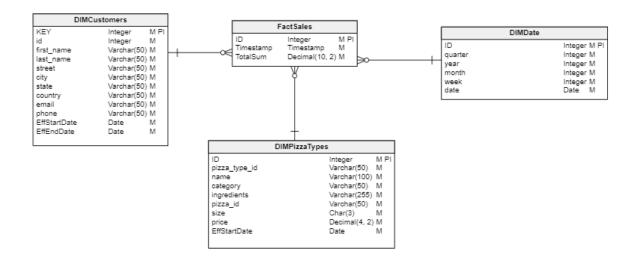
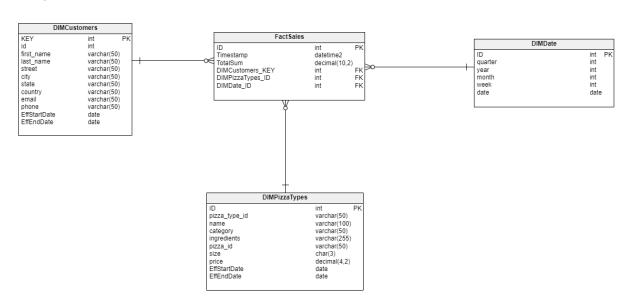
LAB4

ZADANIE 1

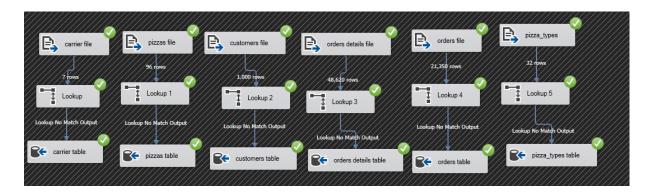
LOGICZNY



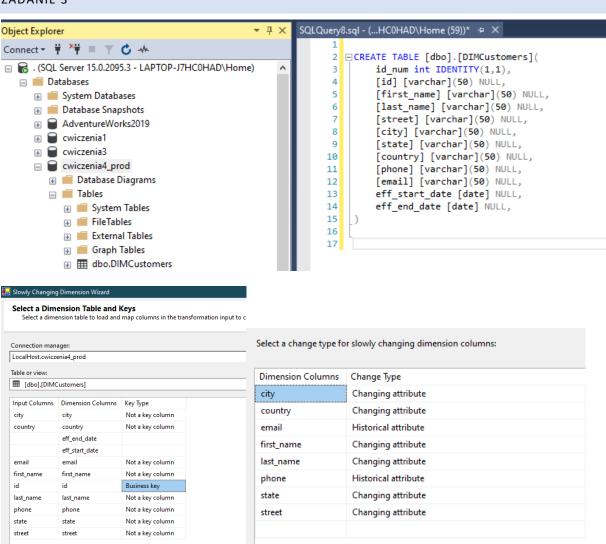
FIZYCZNY

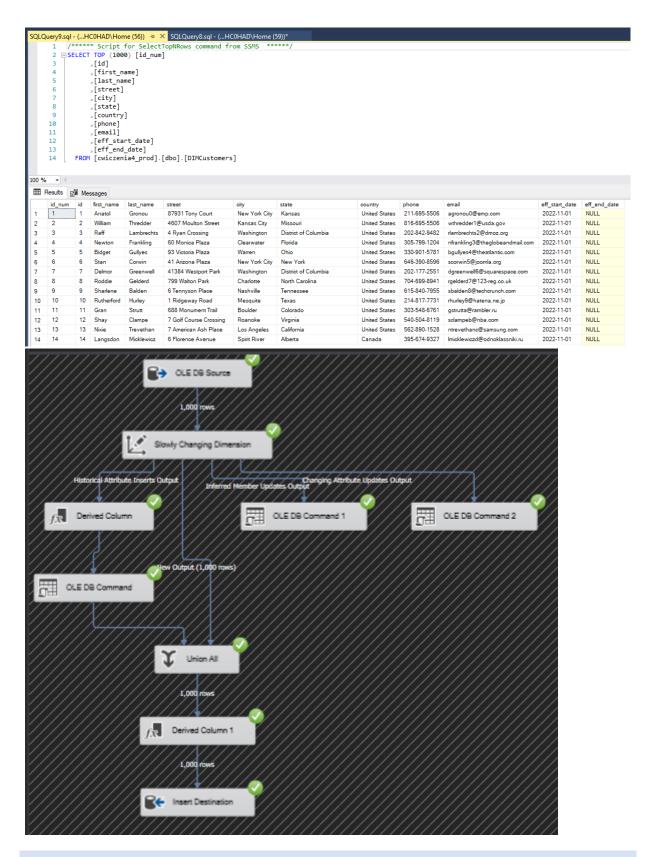


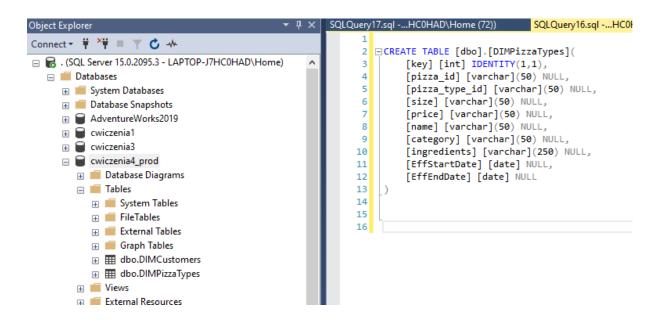
ZADANIE 2

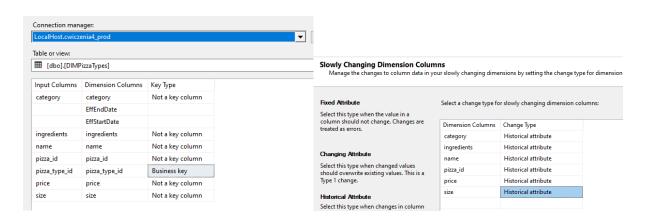


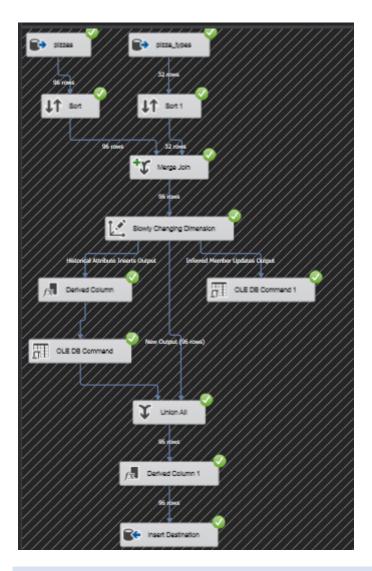
ZADANIE 3







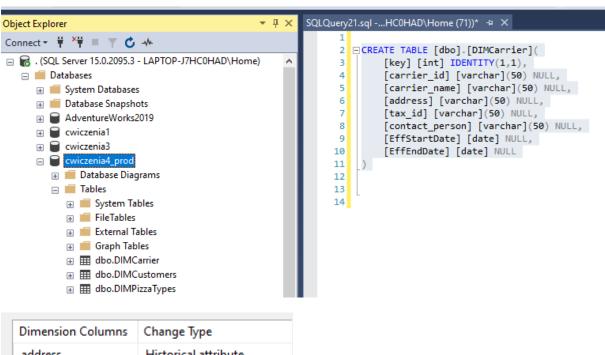




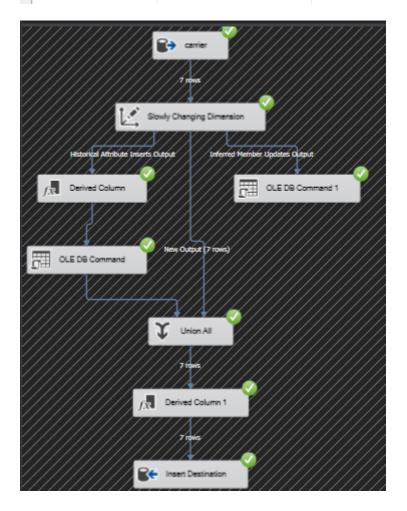
ZADANIE 5

```
2  CREATE TABLE [dbo].[DIMDate]
      3
      4
              [DateKey] INT NOT NULL PRIMARY KEY,
              [Date] DATE NOT NULL,
      5
              [Day] TINYINT NOT NULL,
      6
              [Quarter] TINYINT NOT NULL,
      7
      8
              [Year] INT NOT NULL,
     9
              [Month] CHAR(7) NOT NULL,
     10
              [Week] TINYINT NOT NULL,
     11
     12
     13
          DECLARE @StartDate DATE = '2015-01-01'
     14
     15
          DECLARE @EndDate DATE = DATEADD(Day, -1, DATEADD(YEAR, 10, @StartDate));
     16
     17
     18 ⊟WHILE @StartDate < @EndDate
     19 BEGIN
            INSERT INTO [dbo].[DIMDate] (
     20 🚊
     21
     22
              [DateKey],
     23
              [Date],
              [Day],
     24
     25
              [Quarter],
     26
              [Year],
     27
              [Month],
              [Week]
     28
     29
              SELECT [DateKey] = YEAR(@StartDate) * 10000 + MONTH(@StartDate) * 100 + DAY(@StartDate),
     30
     31
              [Date] = @StartDate,
              [Day] = DATEPART(day, @StartDate),
     32
              [Quarter] = DATEPART(Quarter, @StartDate),
     33
     34
              [Year] = DATEPART(YEAR, @StartDate),
              [Month] = DATEPART(MONTH, @StartDate),
     35
     36
              [Week] = DATEPART(WEEK, @StartDate)
     37
     38
              SET @StartDate = DATEADD(DD, 1, @StartDate)
     39
     40
     41
          END
     42
     43
          select * from [dbo].[DIMDate]
     44
100 % -
Results 📳 Messages
     DateKey
              Date
                        Day Quarter Year Month
                                                  Week
    20150101 2015-01-01 1
                                     2015
                                                  1
     20150102 2015-01-02 2
                                     2015
2
     20150103 2015-01-03 3
                                     2015
                                                  1
3
     20150104 2015-01-04 4
                                     2015 1
                                                  2
```

ZADANIE 6



Dimension Columns	Change Type
address	Historical attribute
carrier_name	Historical attribute
contact_person	Historical attribute
tax_id	Historical attribute



```
pupdate carrier
SET carrier_name = 'BOLT'
where carrier_id = '4'
```

100 % -					
Ⅲ Results 🔐 Messages					
	carrier_id	carrier_name	address	tax_id	contact_person
1	"1	Bolt	""711 County Rd #44"		
2	"Marion	Alabama(AL)	36756""	80794	a.adams@bolt.com"
3	"2	Uber	""124 Elizabethton Way"		
4	"Clinton	Tennessee(TN)	37716""	516387	b.bonsohn@uber.com"
5	"3	Volt	""29741 Little Bear Dr"		
6	"Danbury	Wisconsin(WI)	54830""	162056	c.callente@volt.com"
7	4	Own	n/a	563452	n/a
8	4	BOLT	n/a	563452	n/a