Задание 1.

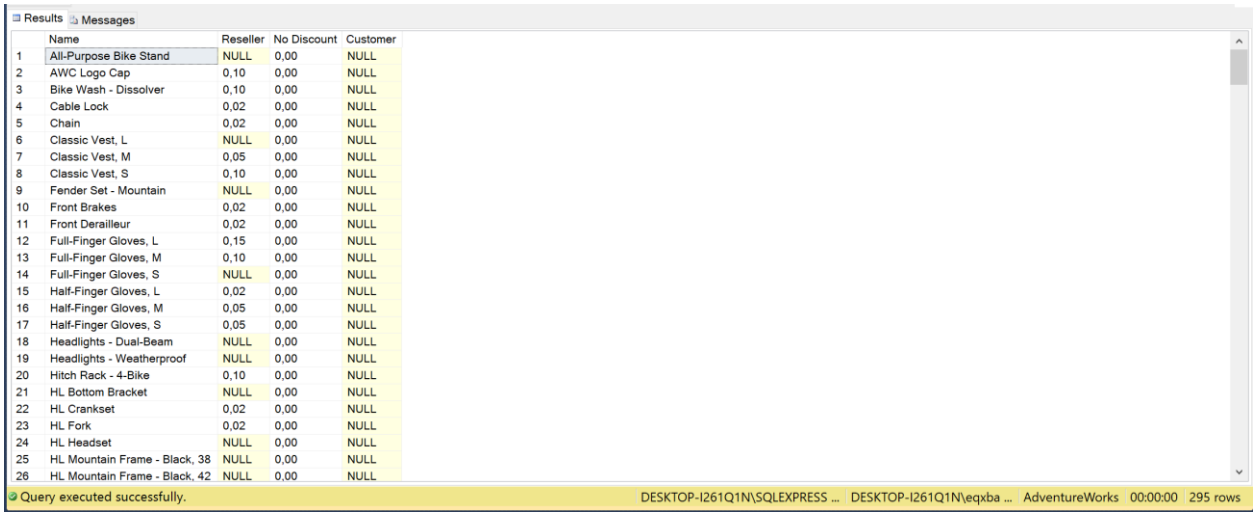
Новые объекты:

Функции:

```
 ------------------------------------------- #define SUBTASK_1 ---------------------------------------
CREATE PROCEDURE [Sales].[MaxDiscountByCategory](@categories NVARCHAR(max)) AS
BEGIN
    DECLARE @sqlQuery nvarchar(1024) = '
    SELECT * FROM (
        SELECT
              [so].[Category]
            , [so].[DiscountPct]
            , [p].[Name]
        FROM [Sales].[SpecialOffer] [so]
        INNER JOIN [Sales].[SpecialOfferProduct] [sop]
            ON ([sop].[SpecialOfferID] = [so].[SpecialOfferID])
        INNER JOIN [Production].[Product] [p]
            ON ([p].[ProductID] = [sop].[ProductID])) [p]
    PIVOT (
        MAX([DiscountPct])
        FOR [Category] IN (' + @categories + ')) [pivot];';
    EXECUTE sp_executesql @sqlQuery;
END
GO
```

Результаты выполнения запросов:

1



Results Messages

	Name	Reseller	No Discount	Customer
1	All-Purpose Bike Stand	NULL	0,00	NULL
2	AWC Logo Cap	0,10	0,00	NULL
3	Bike Wash - Dissolver	0,10	0,00	NULL
4	Cable Lock	0,02	0,00	NULL
5	Chain	0,02	0,00	NULL
6	Classic Vest, L	NULL	0,00	NULL
7	Classic Vest, M	0,05	0,00	NULL
8	Classic Vest, S	0,10	0,00	NULL
9	Fender Set - Mountain	NULL	0,00	NULL
10	Front Brakes	0,02	0,00	NULL
11	Front Derailleur	0,02	0,00	NULL
12	Full-Finger Gloves, L	0,15	0,00	NULL
13	Full-Finger Gloves, M	0,10	0,00	NULL
14	Full-Finger Gloves, S	NULL	0,00	NULL
15	Half-Finger Gloves, L	0,02	0,00	NULL
16	Half-Finger Gloves, M	0,05	0,00	NULL
17	Half-Finger Gloves, S	0,05	0,00	NULL
18	Headlights - Dual-Beam	NULL	0,00	NULL
19	Headlights - Weatherproof	NULL	0,00	NULL
20	Hitch Rack - 4-Bike	0,10	0,00	NULL
21	HL Bottom Bracket	NULL	0,00	NULL
22	HL Crankset	0,02	0,00	NULL
23	HL Fork	0,02	0,00	NULL
24	HL Headset	NULL	0,00	NULL
25	HL Mountain Frame - Black, 38	NULL	0,00	NULL
26	HL Mountain Frame - Black, 42	NULL	0,00	NULL

Query executed successfully. DESKTOP-I261Q1N\SQLEXPRESS ... DESKTOP-I261Q1N\eqxba ... AdventureWorks 00:00:00 295 rows