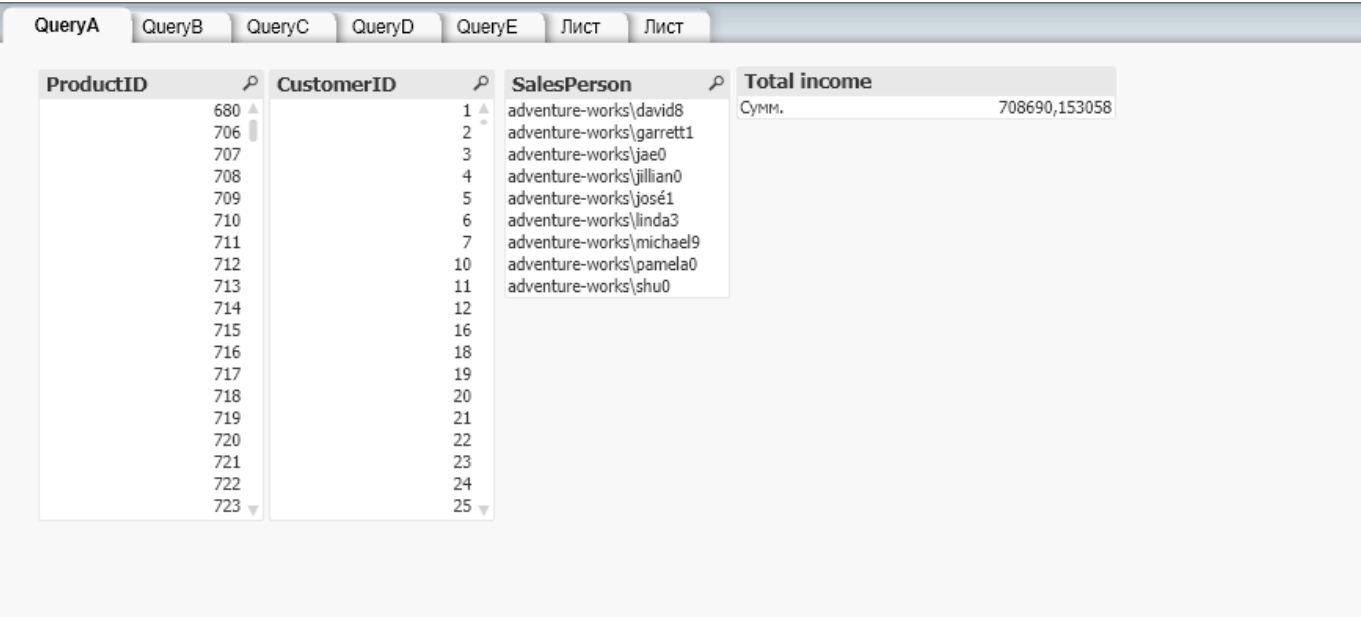# Report for Lab13 in QlikView

Task

This task was similar as first one in Lab12. We should create dashboards in QlikView according to tasks A-F in the part about cube and rollup functions.

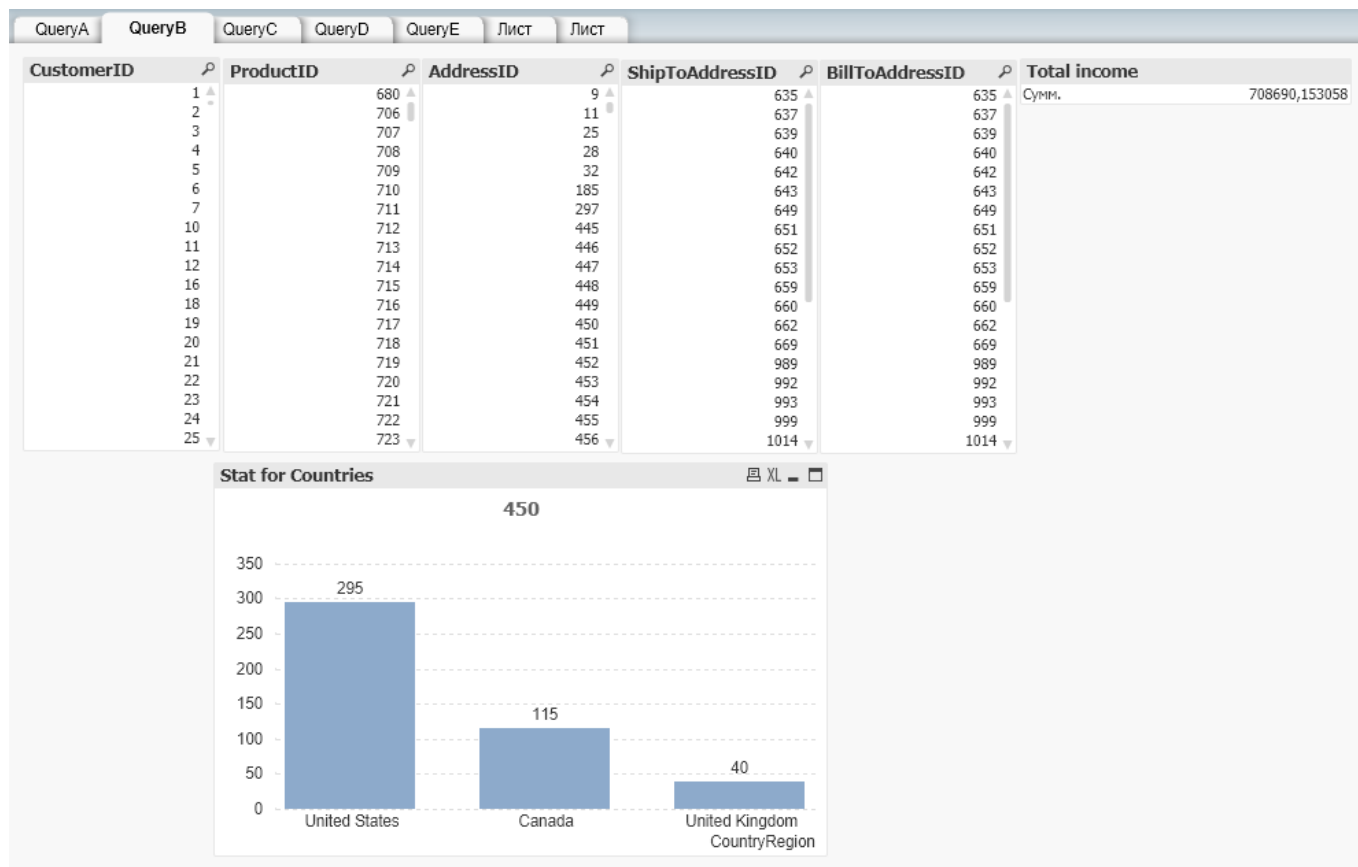We have used same data from Azure example SalesLT.

1. Create following dashboards in QlikView:

- A. Report about income from sales by product, client and sales person. Please mind discounts.


- B. Report about income from sales by product, client and country (region) for billing, shipping and client residency as they can be different. Is it case according our data? But you should generalize in any case. Please mind discounts.

| QueryA | QueryB | QueryC | QueryD | QueryE | Лист | Лист |

| CustomerID	ProductID	AddressID	ShipToAddressID	BillToAddressID	Total income
1	680	9	635	635	Сумм. 708690,153058
2	706	11	637	637	
3	707	25	639	639	
4	708	28	640	640	
5	709	32	642	642	
6	710	185	643	643	
7	711	297	649	649	
10	712	445	651	651	
11	713	446	652	652	
12	714	447	653	653	
16	715	448	659	659	
18	716	449	660	660	
19	717	450	662	662	
20	718	451	669	669	
21	719	452	989	989	
22	720	453	992	992	
23	721	454	993	993	
24	722	455	999	999	
25	723	456	1014	1014	

Stat for Countries 📧 XL ⎯ ▢

- C. Report about income from sales and provided discounts by location in form of hierarchy city>state/province>country/region. In that report you can rely on unique geographical names, but in general it is not the case. T

| QueryA | QueryB | QueryC | QueryD | QueryE | Лист | Лист |

Total Income

708690,153058

Total Discount

5312,760542

Hierarchy of regions   🖶 XL ▥ ▬ ☐

- D. Report about income from sales and provided discounts by product and hierarchy of product categories (high level category-> next level category->...->low level category->product). Please mind that some products can be outside (any) category or be only partially categorized (be not in low level of hierarchy). You can rely on you data to solve to solve this task (especially on that how much subcategories in the current data set), but try to think how to solve this task in general (with arbitrary category tree).
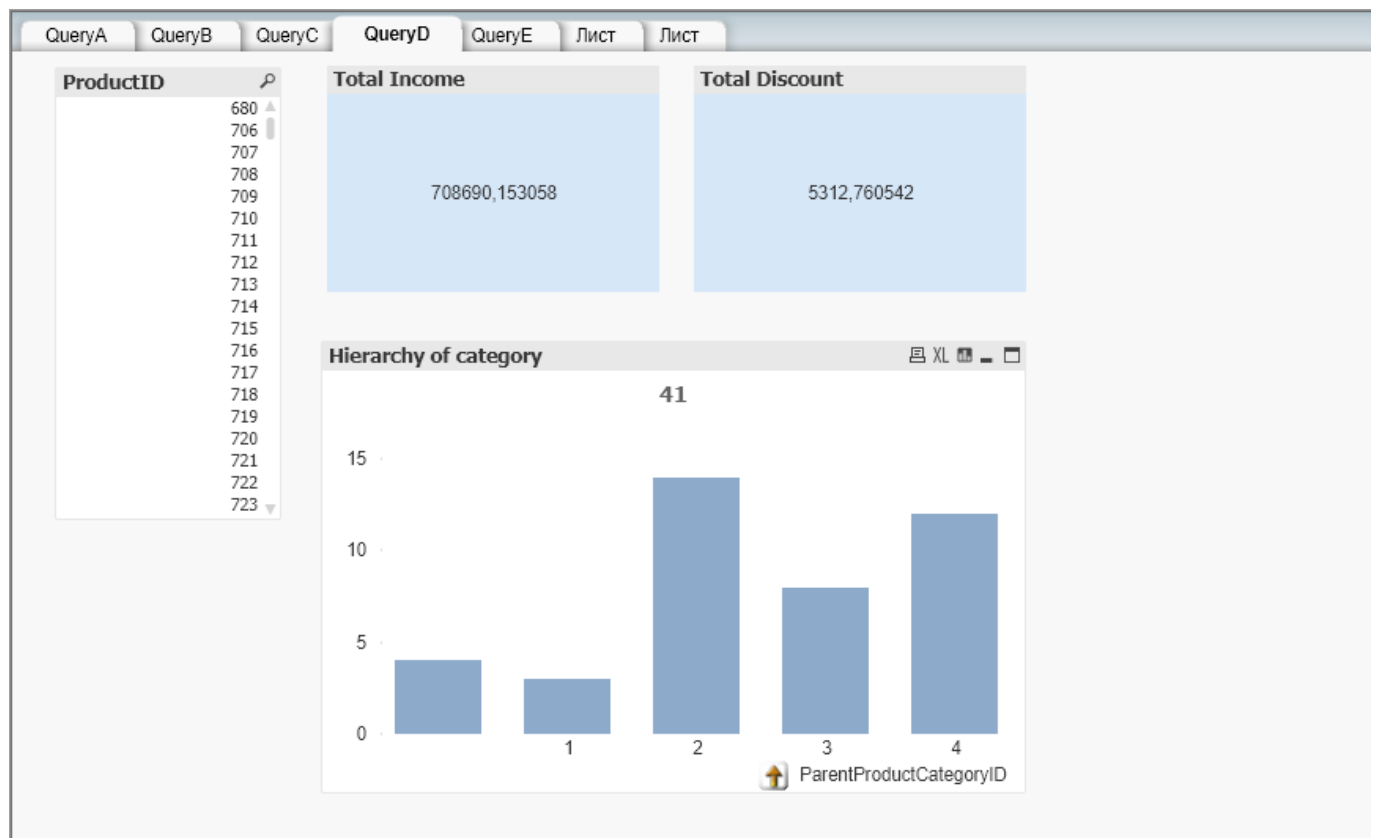
- E. Create integral report on number of product sales by product, client, sales person and hierarchy of regions.
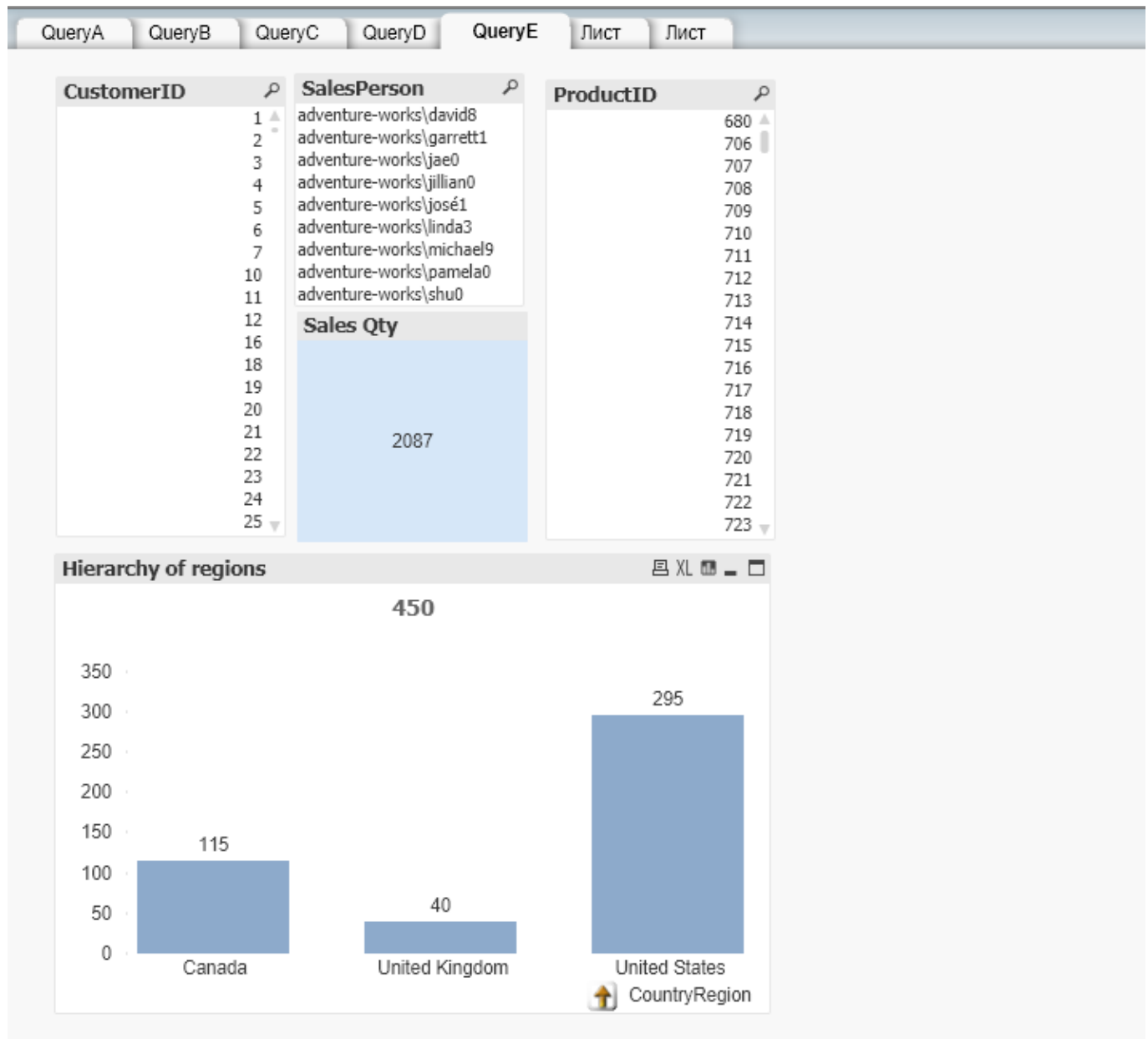
2. Create at least two dashboards in QlikView that support some additional analysis on your choice.

- In the first my own dashboard your can get analystics about sex of customers. There are the fields for CustomerID, Title, ProductID and Qty of orders. According to this data you can see diagram that shows distribution for customers' choice by their sex. It can be useful to make more correct product layout and advertisment.

| QueryA | QueryB | QueryC | QueryD | QueryE | Лист | Лист |

CustomerID 🔎	Title 🔎	ProductID 🔎	OrderQty 🔎
1		680	1
2	Mr.	706	2
3	Ms.	707	3
4	Sr.	708	4
5	Sra.	709	5
6		710	6
7		711	7
10		712	8
11		713	9
12		714	10
16		715	11
18		716	12
19		717	13
20		718	14
21		719	15
22		720	16
23		721	17
24		722	23
25		723	25

Пол 🖫 XL ▣ _ □

2087
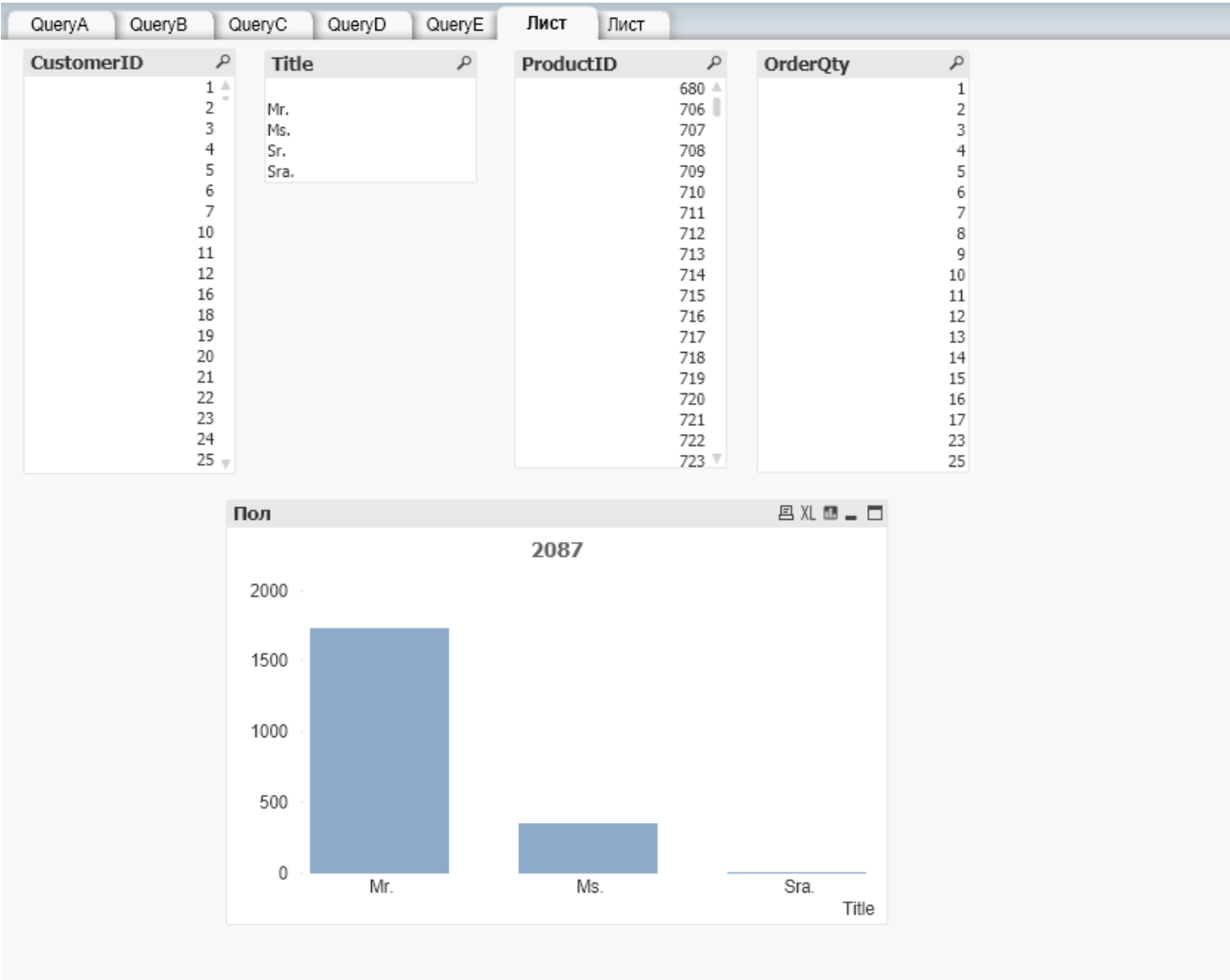
- In the second dashboard your can get analytics about discounts for customers by salaes person. The more discounts customer receives, the more loyal client he becomes.

| QueryA | QueryB | QueryC | QueryD | QueryE | Лист | **Лист** |

ProductID 🔎	CustomerID 🔎	SalesPerson 🔎
680	1	adventure-works\david8
706	2	adventure-works\garrett1
707	3	adventure-works\jae0
708	4	adventure-works\jillian0
709	5	adventure-works\josé1
710	6	adventure-works\linda3
711	7	adventure-works\michael9
712	10	adventure-works\pamela0
713	11	adventure-works\shu0
714	12	
715	16	
716	18	
717	19	
718	20	
719	21	5312,760542
720	22	
721	23	
722	24	
723	25	