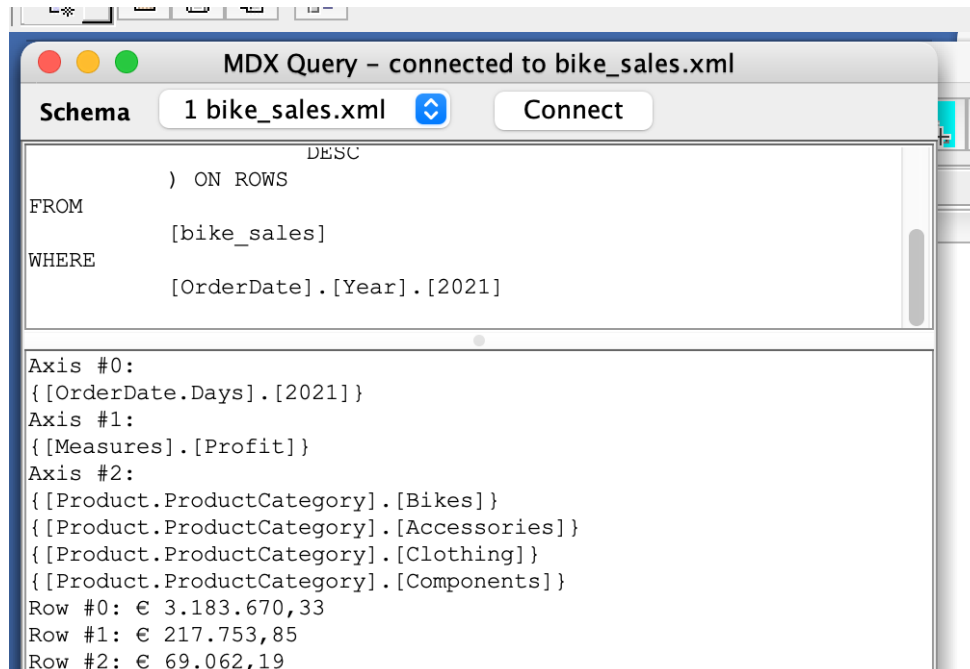


3. Business Analytics (Queries)

3.1 Sales – profit for top product categories (MDX)



3.2 Sales – revenue for countries (MDX)

```
Axis #0:
{[OrderDate.Days].[2019]}
Axis #1:
{[Measures].[Revenue]}
Axis #2:
{[ShippedTo.Territory].[Pacific].[Australia]}
{[ShippedTo.Territory].[North America].[USA]}
{[ShippedTo.Territory].[North America].[Canada]}
{[ShippedTo.Territory].[Europe].[United Kingdom]}
{[ShippedTo.Territory].[Europe].[Germany]}
{[ShippedTo.Territory].[Europe].[France]}
Row #0: 2.124.783,183
Row #1: 2.023.814,611
Row #2: 587.476,478
Row #3: 582.032,736
Row #4: 550.070,737
Row #5: 522.422,202
```

3.3 Sales – most profitable customers in the time period (SQL)

100% 70:1

Result Grid Filter Rows: Search

	Rank	Customer Name	Profit	
▶	1	Jordan C Turner	2379.3114	
●	2	Marco Lopez	2357.3527	
●	3	Lacey C Zheng	2137.7282	
●	4	Larry Munoz	2131.1552	
●	5	Ruben Suarez	2088.7512	
●	6	Martin Suri	2079.3738	
●	7	Ariana D Gray	2056.1764	
●	8	Ricky M Navarro	2047.9379	
●	9	Kelvin A Carson	2047.2475	
●	10	Lawrence M Sanz	2042.1645	
●				
●				
●				

3.4 Sales – most actively purchasing customers (SQL)

Result Grid Filter Rows: Search Export:

	Region	Customer Name	Quantity Sold	Rank	
▶	Europe	April L Shan	58	1	
●	Europe	Lisa Cai	25	2	
●	Europe	Jordan C Turner	17	3	
●	Europe	Lacey C Zheng	17	3	
●	Europe	Marco Lopez	17	3	
●					
●					
●					

3.5 Logistics - monthly amounts of shipping costs for the customers of a country (SQL, tried MDX, but not entirely correct)

	Country	Year	Month	Shipping costs	
▶	United Kingdom	2020	January	195.0000	
●	United Kingdom	2020	February	390.0000	
●	United Kingdom	2020	March	312.0000	
●	United Kingdom	2020	April	351.0000	
●	United Kingdom	2020	May	332.0000	
●	United Kingdom	2020	June	1473.0000	
●					
●					
●					

3.6 Production – most sold product models in each of the categories (SQL)

100% 23:35

Result Grid Filter Rows: Search Export:

	Product Top Category	Product Sub Categ...	Product Model	Quantity Sold	
	Accessories	Helmets	Sport-100	6440	
	Accessories	Bottles and Cages	Water Bottle	4244	
	Accessories	Tires and Tubes	Patch kit	3191	
	Bikes	Mountain Bikes	Mountain-200	3552	
	Bikes	Road Bikes	Road-250	1903	
	Bikes	Road Bikes	Road-150	1551	
	Clothing	Caps	Cycling Cap	2190	
	Clothing	Jerseys	Long-Sleeve Logo Jersey	1736	
	Clothing	Jerseys	Short-Sleeve Classic Jersey	1596	

Result 5

Action Output

3.7 Accounting – most profitable countries for the goods in the price range (SQL)

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Result Grid Filter Rows: Search

	Country	Profit	
	USA	415614.1974	
	Australia	343058.6932	
	United Kingdom	163509.0315	

3.8 Accounting – taxes charged from the customers in certain countries (SQL)

18					
100%		2:18			
Result Grid		Filter Rows:	Search	Export:	
	Calendar Year	Month	Country	Tax Amount	
▶	2021	January	Germany	16455.8284	
▶	2021	January	France	28179.9395	
▶	2021	February	Germany	17006.6435	
▶	2021	February	France	19852.6459	
▶	2021	March	Germany	21615.9339	
▶	2021	March	France	29396.2691	
▶	2021	April	Germany	21735.8471	
▶	2021	April	France	25516.9813	
▶	2021	May	Germany	23530.6368	
▶	2021	May	France	33606.1848	
Result 6					