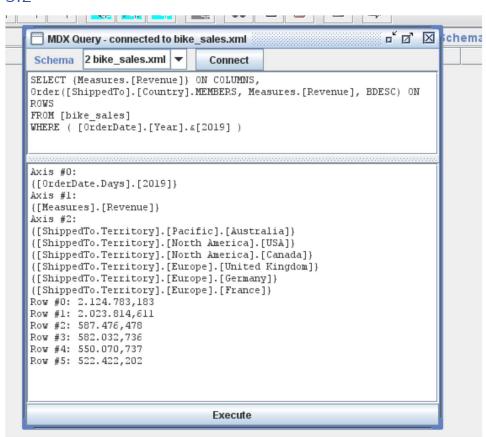
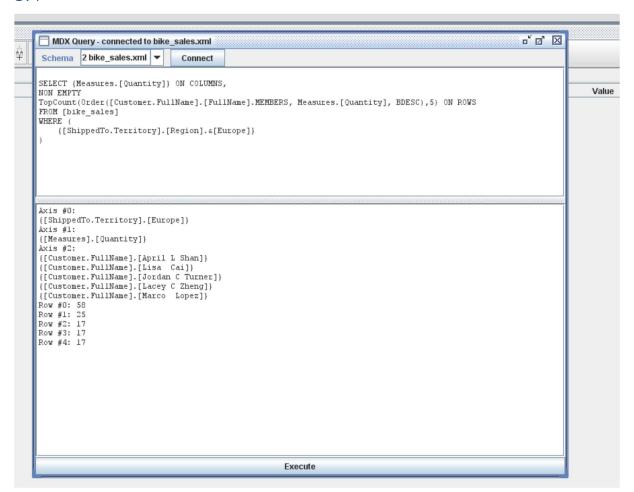
## 3.1

```
1 .
        select ProductTopCategoryName as 'Product Top Category',
        sum(OrderLineProfit) as Profit
 2
 3
        from Dim_Product p
 4
        join Fact_InternetSales f on f.ProductKey=p.ProductKey
 5
       where year(OrderDate) = 2021
        group by ProductTopCategoryName
 6
        order by sum(OrderLineProfit) desc;
 7
                                        Export: Wrap Cell Content: TA
Product Top
                    Profit
  Category
  Bikes
                    3183670.3256
  Accessories
                    217753.8488
                   69062, 1949
 Clothing
```

## 3.2





```
select 1.Country,
2
       year(OrderDate) as "Year",
3
       EnglishMonthName as "Month",
       SUM(OrderLineShippingCost) AS "Shipping costs"
4
       from Dim Location 1
5
       join Fact_InternetSales f on f.ShipToLocationKey =1.LocationKey
6
7
       join Dim_Date d on d.DateKey=f.OrderDateKey
       where 1.Country = 'United Kingdom'
8
       and ShipMethod = 'Cargo International'
9
       and f.OrderDate BETWEEN '2020-01-01' AND '2020-06-30'
LØ
       group by 1.Country, year(OrderDate), EnglishMonthName;
11
esult Grid
                                          Export: Wrap Cell Content: TA
             Filter Rows:
                               Shipping
 Country
                      Month
                Year
                               costs
 United Kingdom
               2020
                               195,0000
                     January
 United Kingdom
               2020
                     February
                               390.0000
 United Kingdom
               2020
                     March
                               312.0000
 United Kingdom
               2020
                               351.0000
                     April
 United Kingdom
                               332.0000
               2020
                     May
 United Kingdom 2020
                               1473.0000
                     June
```

```
1 ● 

→ WITH RankedProducts AS (select p.ProductTopCategoryName ,
         p.ProductSubCategoryName,
  3
         p.ProductModelName,
         SUM(f.OrderQty) as "Sold",
  4
         ROW_NUMBER() OVER (PARTITION BY p.ProductTopCategoryName ORDER BY SUM(f.OrderQty) DESC) AS "Ranking"
  5
  6
         from Dim_Product p
  7
         join Fact_InternetSales f on f.ProductKey=P.ProductKey
  8
         group by p.ProductTopCategoryName,p.ProductSubCategoryName,p.ProductModelName
  9
         SELECT
 10
             ProductTopCategoryName as "Product Top Category",
 12
             ProductSubCategoryName as "Product Sub Category",
             ProductModelName as "Product Model" ,
 13
             Sold as "Quantity Sold"
 14
 15
         FROM
             RankedProducts
 16
        WHERE
 17
 18
             Ranking <= 3
        ORDER BY
 19
 20
             ProductTopCategoryName, Ranking;
Result Grid | Filter Rows:
                                         Export: Wrap Cell Content: IA
                                                                  Quantity
Sold
   Product Top
                      Product Sub
                                          Product Model
   Category
                      Category
                      Helmets
                                                                  6440
  Accessories
                                          Sport-100
                      Bottles and Cages
                                                                  4244
  Accessories
                                          Water Bottle
  Accessories
                      Tires and Tubes
                                          Patch kit
                                                                  3191
  Bikes
                      Mountain Bikes
                                                                  3552
                                          Mountain-200
  Bikes
                      Road Bikes
                                          Road-250
                                                                  1903
                      Road Bikes
                                          Road-150
  Bikes
                                                                  1551
                                          Cycling Cap
  Clothing
                      Caps
                                                                  2190
  Clothing
                      Jerseys
                                          Long-Sleeve Logo Jersey
                                                                  1736
  Clothing
                                          Short-Sleeve Classic Jersey
                      Jerseys
                                                                 1596
```

