#1

```
SELECT
  {[Measures].[Profit]} ON COLUMNS,
  ORDER(
    [TopCategory].Members,
    [Measures].[Profit],
    DESC
  ) ON ROWS
FROM
  [bike_sales]
WHERE
  [OrderDate].[Year].[2021]
```

```
Axis #0:
{[Orderdate.Days].[2021]}
Axis #1:
{[Measures].[Profit]}
Axis #2:
{[Product.ProductCategory].[Bikes]}
{[Product.ProductCategory].[Accessories]}
{[Product.ProductCategory].[Clothing]}
{[Product.ProductCategory].[Components]}
Row #0: $3,183,670.33
Row #1: $217,753.85
Row #2: $69,062.19
Row #3:
```

#2

```
SELECT
  {[Measures].[Revenue]} ON COLUMNS,
  ORDER(
    [ShippedTo].[Country].Members,
    [Measures].[Revenue],
    BDESC
  ) ON ROWS
FROM
  [bike_sales]
WHERE
  [OrderDate].[Year].[2019]
```

```
Axis #0:
{[Orderdate.Days].[2019]}
Axis #1:
{[Measures].[Revenue]}
Axis #2:
{[ShippedTo.Territory].[Australia]}
{[ShippedTo.Territory].[USA]}
{[ShippedTo.Territory].[Canada]}
{[ShippedTo.Territory].[United Kingdom]}
{[ShippedTo.Territory].[Germany]}
{[ShippedTo.Territory].[France]}
Row #0: $2,124,783.18
Row #1: $2,023,814.61
Row #2: $587,476.48
Row #3: $582,032.74
Row #4: $550,070.74
Row #5: $522,422.20
```

#3

```
SELECT
  { [Measures].[Profit] } ON COLUMNS,
  TOPCOUNT(
    [Customer].[FullName].MEMBERS,
    10,
    [Measures].[Profit]
  ) ON ROWS
FROM [bike_sales]
WHERE
  ([Year].&[2021])
```

```
Axis #0:
{[Orderdate.Days].[2021]}
Axis #1:
{[Measures].[Profit]}
Axis #2:
{[Customer].[32].[M].[Luke  Turner]}
{[Customer].[28].[M].[Fernando M Lopez]}
{[Customer].[46].[F].[Lacey  He]}
{[Customer].[31].[M].[Larry W Moreno]}
{[Customer].[24].[M].[Ruben J Carlson]}
{[Customer].[34].[M].[Alex C Adams]}
{[Customer].[39].[M].[Dominic A Garcia]}
{[Customer].[55].[M].[Ricky  Romero]}
{[Customer].[50].[F].[Sydney  Diaz]}
{[Customer].[38].[M].[Lawrence C Suarez]}
Row #0: $2,379.31
Row #1: $2,357.35
Row #2: $2,137.73
Row #3: $2,131.16
Row #4: $2,088.75
Row #5: $2,079.37
Row #6: $2,056.18
Row #7: $2,047.94
Row #8: $2,047.25
Row #9: $2,042.16
```

#4

	Region	Customer_Name	Quantity_Sold	CustRank
▶	Europe	Jennifer B Griffin	58	1
	Europe	Lisa L Hu	25	2
	Europe	Fernando M Lopez	17	3
	Europe	Lacey He	17	3
	Europe	Luke Turner	17	3

#5

Country	Year	Month	ShippingCosts
United Kingdom	2020	April	349.7625
United Kingdom	2020	February	388.6250
United Kingdom	2020	January	194.3125
United Kingdom	2020	June	1465.7125
United Kingdom	2020	March	310.9000
United Kingdom	2020	May	330.7625

#6

ProductTopCategoryName	ProductSubCategoryName	ProductModelName	QuantitySold
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

#7

Country	Profit
USA	415614.1974
Australia	343058.6932
United Kingdom	163509.0315

#8

Calendar Year	Month	Country	Tax Amount
2021	January	France	23207.0090
2021	January	Germany	17951.8128
2021	February	France	16349.2378
2021	February	Germany	18552.7020
2021	March	France	24208.6922
2021	March	Germany	23581.0188
2021	April	France	21013.9846
2021	April	Germany	23711.8332
2021	May	France	27675.6816
2021	May	Germany	25669.7856
2021	June	France	463.8214
2021	June	Germany	414.6720