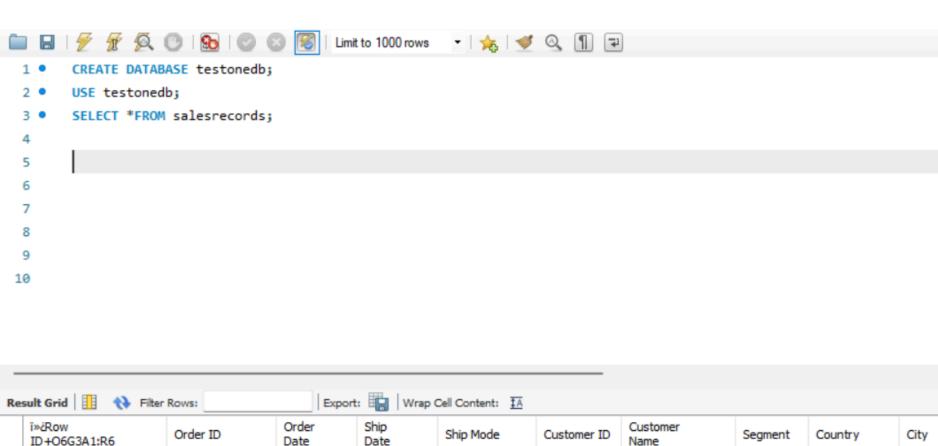
SUPERSALES DATASET

ANALYSIS USING AGGREGATE FUNCTIONS



ī»¿Row ID+O6G3A1:R6	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City
4918	CA-2019-160304	01-01-2019	07-01-2019	Standard Class	BM-11575	Brendan Murry	Corporate	United States	Gait
4919	CA-2019-160304	02-01-2019	07-01-2019	Standard Class	BM-11575	Brendan Murry	Corporate	United States	Gait
4920	CA-2019-160304	02-01-2019	07-01-2019	Standard Class	BM-11575	Brendan Murry	Corporate	United States	Gait
3074	CA-2019-125206	03-01-2019	05-01-2019	First Class	LR-16915	Lena Radford	Consumer	United States	Los
8604	US-2019-116365	03-01-2019	08-01-2019	Standard Class	CA-12310	Christine Abelman	Corporate	United States	Sar
8605	US-2019-116365	03-01-2019	08-01-2019	Standard Class	CA-12310	Christine Abelman	Corporate	United States	Sar
8606	US-2019-116365	03-01-2019	08-01-2019	Standard Class	CA-12310	Christine Abelman	Corporate	United States	San
9494	CA-2019-105207	03-01-2019	08-01-2019	Standard Class	BO-11350	Bill Overfelt	Corporate	United States	Bro
9495	CA-2019-105207	03-01-2019	08-01-2019	Standard Class	BO-11350	Bill Overfelt	Corporate	United States	Bro
2898	US-2019-164630	04-01-2019	09-01-2019	Standard Class	EB-13975	Erica Bern	Corporate	United States	Cha
5868	CA-2019-158211	04-01-2019	08-01-2019	Standard Class	BP-11185	Ben Peterman	Corporate	United States	Phil
5869	CA-2019-158211	04-01-2019	08-01-2019	Standard Class	BP-11185	Ben Peterman	Corporate	United States	Phi
863	CA-2019-134474	05-01-2019	07-01-2019	Second Class	AJ-10795	Anthony Johnson	Corporate	United States	Jac
864	CA-2019-134474	05-01-2019	07-01-2019	Second Class	AJ-10795	Anthony Johnson	Corporate	United States	Jac

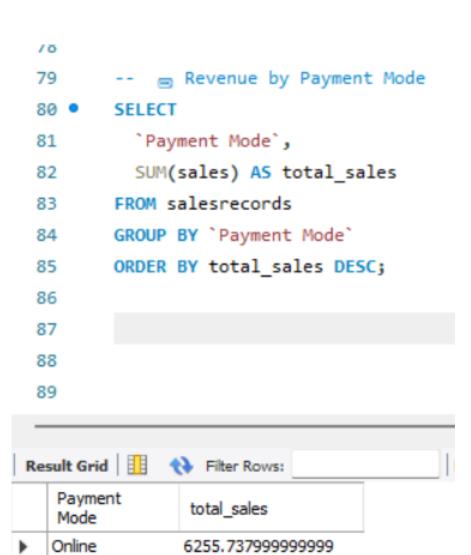
```
-- Use EXTRACT(MONTH FROM order_date) for month
 10 •
         SELECT
           STR_TO_DATE('Order Date', '%d-%m-%Y') AS converted_date,
 11
           EXTRACT(MONTH FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_month
 12
         FROM salesrecords;
 13
               Filter Rows:
                                            Export: Wrap Cell Content: IA
Result Grid
   converted_date | order_month
   2019-01-01
   2019-01-02
   2019-01-02
   2019-01-03
   2019-01-03
   2019-01-03
   2019-01-03
   2019-01-03
   2019-01-03
   2019-01-04
   2019-01-04
   2019-01-04
   2019-01-05
   2019-01-05
   2019-01-05
                 1
   2010 01 07
Result 13 x
```

```
-- GROUP BY year/month
15
16 •
        SELECT
           EXTRACT(YEAR FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_year,
17
           EXTRACT(MONTH FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_month
18
         FROM salesrecords
 19
         GROUP BY order_year, order_month;
 20
 21
22
Result Grid
                                           Export: Wrap Cell Content: IA
              Filter Rows:
   order_year
              order_month
  2019
             1
                                                                                            -- Calculates total revenue using SUM(sales)
                                                                                     22
                                                                                            SELECT
                                                                                     23 •
                                                                                              EXTRACT(YEAR FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_year,
                                                                                     24
                                                                                              EXTRACT(MONTH FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_month,
                                                                                     25
                                                                                              SUM(sales) AS total_revenue
                                                                                     26
                                                                                            FROM salesrecords
                                                                                     27
                                                                                            GROUP BY order_year, order_month
                                                                                     28
                                                                                            ORDER BY order_year, order_month;
                                                                                     29
                                                                                     30
                                                                                     31
                                                                                     32
                                                                                     33
                                                                                                                         Export: Wrap Cell Content: 1A
                                                                                    order_year order_month
                                                                                                          total_revenue
                                                                                    2019
                                                                                                          12926.478999999996
```

```
שכ
         -- Count Distinct Orders (Volume) by Year/Month:
 31
 32 •
         SELECT
           EXTRACT(YEAR FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_year,
 33
           EXTRACT(MONTH FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_month,
 34
 35
           COUNT(DISTINCT `Order ID`) AS order volume
         FROM salesrecords
 36
 37
         GROUP BY order_year, order_month
 38
         ORDER BY order_year, order_month;
 39
 40
                                          Export: Wrap Cell Content: TA
Result Grid
              Filter Rows:
             order_month order_volume
   order_year
                                                                                           -- Use ORDER BY for sorting by year and month
                                                                                    41
2019
                         36
                                                                                    42 •
                                                                                           SELECT
                                                                                             EXTRACT(YEAR FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_year,
                                                                                    43
                                                                                             EXTRACT(MONTH FROM STR_TO_DATE(`Order Date`, '%d-%m-%Y')) AS order_month,
                                                                                    44
                                                                                             SUM(sales) AS total_revenue
                                                                                    45
                                                                                           FROM salesrecords
                                                                                    46
                                                                                    47
                                                                                           GROUP BY order_year, order_month
                                                                                    48
                                                                                           ORDER BY order_year, order_month;
                                                                                    49
                                                                                    50
                                                                                    51
                                                                                    52
                                                                                                                           Export: Wrap Cell Content: IA
                                                                                    esult Grid
                                                                                                Filter Rows:
                                                                                      order_year
                                                                                               order_month
                                                                                                           total_revenue
                                                                                     2019
                                                                                                           12926,478999999996
```

```
-- Total Sales and Profit by Category
 61
 62 •
         SELECT
           Category,
 63
           SUM(sales) AS total_sales,
           SUM(profit) AS total_profit
 65
         FROM salesrecords
         GROUP BY Category
 67
         ORDER BY total_sales DESC;
 68
 69
                                           Export: Wrap Cell Content: TA
               Filter Rows:
Result Grid
                                   total_profit
                 total_sales
   Category
Furniture
                6117.233000000001
                                   976.8990000000002
   Technology
                4070.5060000000003
                                   764.1752000000001
   Office Supplies
                2738.74000000000002
                                  677,4545999999999
```

```
-- 🔊 Sales by Region
 71
 72 •
        SELECT
          Region,
 73
          SUM(sales) AS total_sales
 74
        FROM salesrecords
 75
        GROUP BY Region
 76
77
        ORDER BY total_sales DESC;
 78
79
80
 81
Result Grid Filter Rows:
                                         Export:
   Region total_sales
  East
          4079.165
  Central
          3702.2960000000003
  South
          2686.0760000000005
  West
          2458.942
```



5002.586999999999

1668.153999999999

COD

Cards