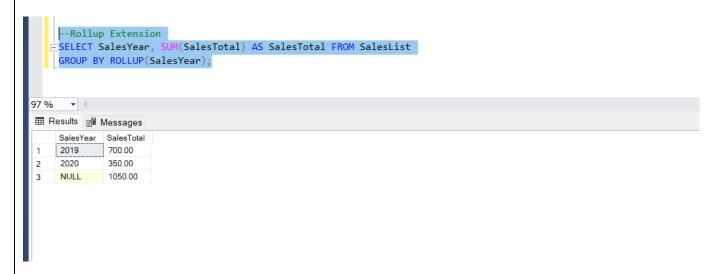
# **Subtotals in Sql**

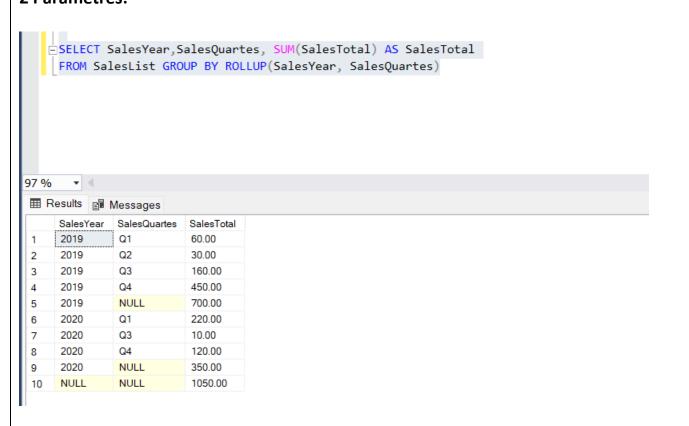
Name: Aathirainathan P

**Date:** 06-11-2024

#### 1.ROLLUP Extension:



#### 2 Parametres:



### 3 Parametres:

NULL

18

NULL

NULL

1050.00

```
--3 Parametres
    SELECT SalesYear, SalesQuartes, SalesMonth , SUM(SalesTotal) AS SalesTotal
     FROM SalesList GROUP BY ROLLUP(SalesYear, SalesQuartes, SalesMonth);
97 %
       ▼ 4
SalesYear
               SalesQuartes
                           SalesMonth
                                      SalesTotal
     2019
               Q1
                           March
                                      60.00
2
     2019
               Q1
                           NULL
                                      60.00
3
     2019
               Q2
                                      30.00
                           May
4
     2019
               Q2
                           NULL
                                      30.00
5
     2019
               Q3
                           July
                                      160.00
6
     2019
               Q3
                           NULL
                                      160.00
     2019
               Q4
                           November
                                      300.00
8
     2019
               Q4
                           October
                                      150.00
     2019
               Q4
                           NULL
                                      450.00
     2019
                           NULL
                                      700.00
 10
               NULL
     2020
                                      220.00
 11
               Q1
                           March
 12
     2020
               Q1
                           NULL
                                      220.00
 13
     2020
               Q3
                           July
                                      10.00
     2020
               Q3
                           NULL
 14
                                      10.00
 15
     2020
               Q4
                           November
                                      120.00
     2020
               Q4
                           NULL
                                      120.00
 16
 17
     2020
               NULL
                           NULL
                                      350.00
```

## 2. Grouping Function:

```
--Grouping Function

SELECT SalesYear,
SalesQuartes,
SUM(SalesTotal) AS SalesTotal,
GROUPING(SalesQuartes) AS SalesQuarterGrp,
GROUPING(SalesYear) AS SYearGrp
FROM SalesList
GROUP BY ROLLUP(SalesYear, SalesQuartes)
```

