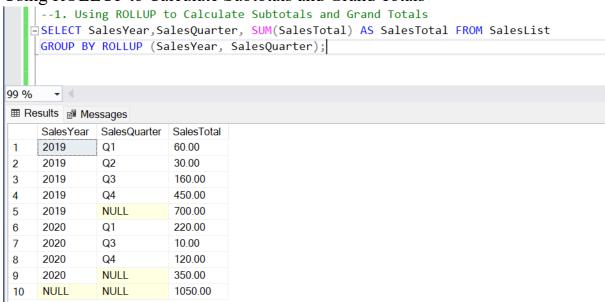
## Day-3 Assignment

Name: E.R Harish

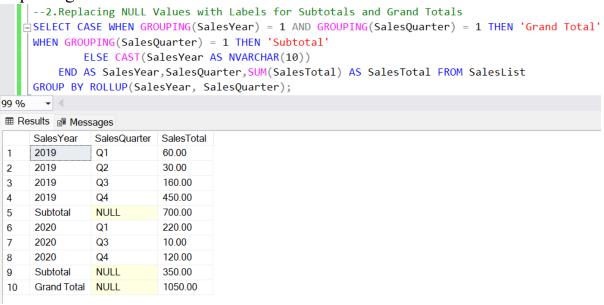
#### **SubTotal**

|    | SalesMonth | SalesQuarter | SalesYear | SalesTotal |
|----|------------|--------------|-----------|------------|
| 1  | March      | Q1           | 2019      | 60.00      |
| 2  | March      | Q1           | 2020      | 50.00      |
| 3  | May        | Q2           | 2019      | 30.00      |
| 4  | July       | Q3           | 2020      | 10.00      |
| 5  | November   | Q4           | 2019      | 120.00     |
| 6  | October    | Q4           | 2019      | 150.00     |
| 7  | November   | Q4           | 2019      | 180.00     |
| 8  | November   | Q4           | 2020      | 120.00     |
| 9  | July       | Q3           | 2019      | 160.00     |
| 10 | March      | Q1           | 2020      | 170.00     |

# 1. Using ROLLUP to Calculate Subtotals and Grand Totals

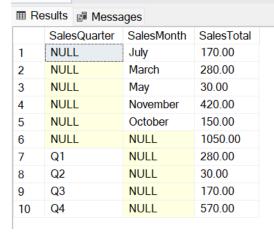


### 2. Replacing NULL Values with Labels for Subtotals and Grand Totals



## 3. Using GROUPING SETS for Custom Subtotals

```
| --3. Using GROUPING SETS for Custom Subtotals
□ SELECT SalesQuarter, SalesMonth, SUM(SalesTotal) AS SalesTotal FROM SalesList
□ GROUP BY GROUPING SETS ((SalesQuarter), (SalesMonth), ());
```



---

99 %

#### **Stored Procedure**

```
CustomerID INT PRIMARY KEY,
CustomerName NVARCHAR(50),
ContactName NVARCHAR(50),
Address NVARCHAR(100),
City NVARCHAR(30),
PostalCode NVARCHAR(10)

);

EINSERT INTO Customers (CustomerID, CustomerName, ContactName, Address, City, PostalCode)

VALUES
(1, 'Alfreds Futterkiste', 'Maria Anders', 'Obere Str. 57', 'Berlin', '12209'),
(2, 'Ana Trujillo Emparedados y Helados', 'Ana Trujillo', 'Avda. de la Constitución 22', 'México D.F.', '05021'),
(3, 'Antonio Moreno Taquería', 'Antonio Moreno', 'Mataderos 2312', 'México D.F.', '05023'),
(4, 'Around the Horn', 'Thomas Hardy', '120 Hanover Sq.', 'London', 'WA1 1DP'),
(5, 'Berglunds snabbköp', 'Christina Berglund', 'Berguvsvägen 8', 'Luleå', 'S-958 22'),
(6, 'Blauer See Delikatessen', 'Hanna Moos', 'Forsterstr. 57', 'Mannheim', '68306'),
(7, 'Blondel père et fils', 'Frédérique Citeaux', '24, place Kléber', 'Strasbourg', '67000'),
(8, 'Bólido Comidas preparadas', 'Martín Sommer', 'C/ Araquil, 67', 'Madrid', '28023'),
(9, 'Bon app''', 'Laurenc'e Lebihan', '12, rue des Bouchers', 'Marseille', '13008'),
(10, 'Bottom-Dollar Marketse', 'Elizabeth Lincoln', '23 Tsawassen Blvd.', 'Tsawassen', 'T2F 8M4');
```

#### 1. Create a Stored Procedure

# CREATE PROCEDURE SelectAllCustomers AS SELECT \* FROM Customers;

```
Messages
Commands completed successfully.

Completion time: 2024-11-06T17:35:51.2416605+05:30
```

#### 2. Execute the Stored Procedure

#### EXEC SelectAllCustomers;

