Created a privet Pizza sales Dataset by adding random values, amounts, names by using Excel.

Then Analyzed key indicators for pizza sales data to gain insights into a Business Performance.

KPI's requirements

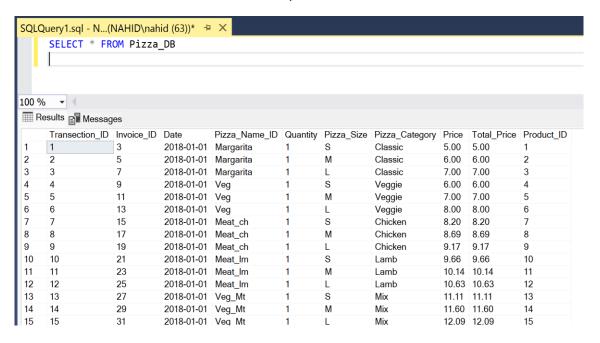
- 1. Import the data file
- 2. Find out total revenue
- 3. Average order Value
- 4. Total pizza sold
- 5. Total Orders placed
- 6. Average Pizza Per Order

Chart requirement

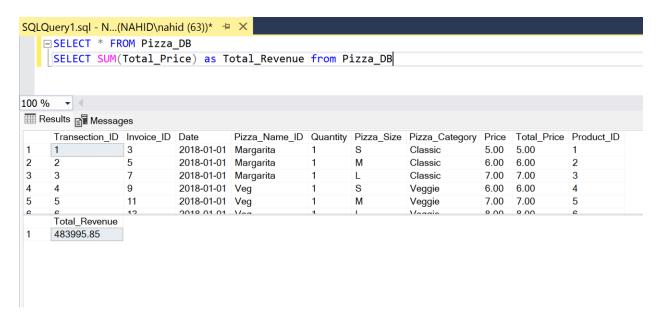
- 7. Find daily trend of total order
- 8. Find monthly trend of total order
- 9. Find monthly trend of total Pizza sold
- 10. Find percentage of sales by pizza category
- 11. Find percentage of sales by size
- 12. Find total pizza sold by category
- 13. Find top 3 Best seller Total pizza sold (By Revenue & Quantity)
- 14. Find the worst 3 seller Total Pizza Sold (By Revenue & Quantity)

Pizza Sales Data

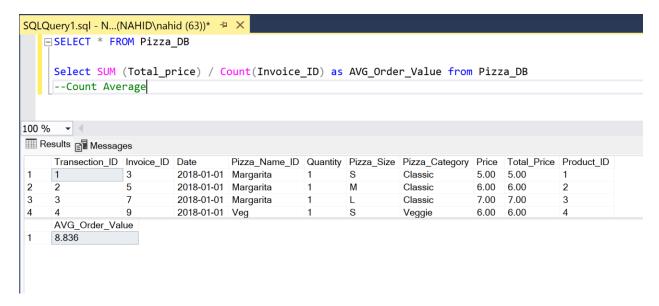
1. Import data



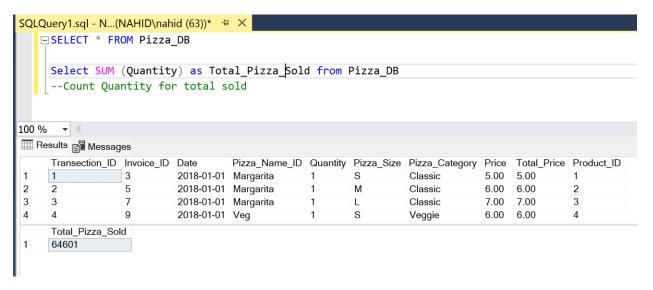
2. Find out the total revenue



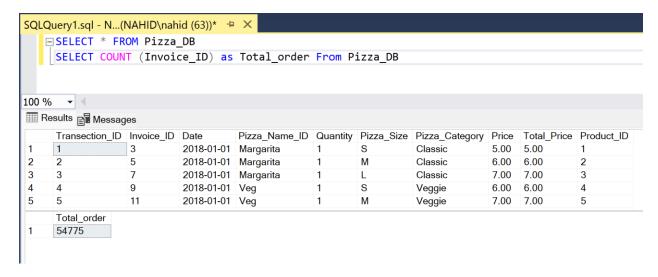
3. Average order Value



4. Total pizza sold



5. Total Orders placed



6. Average Pizza Per Order

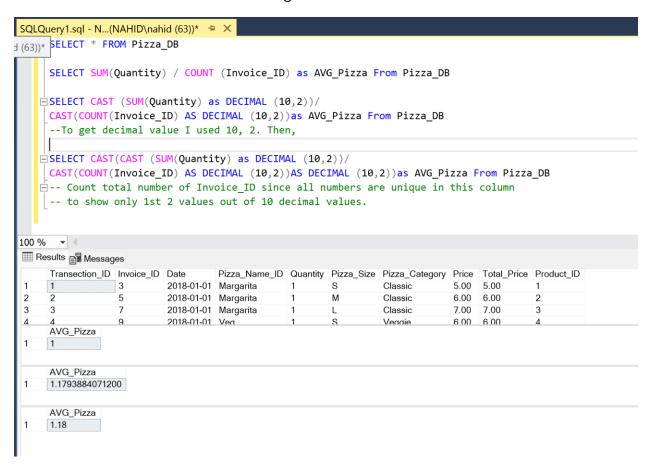
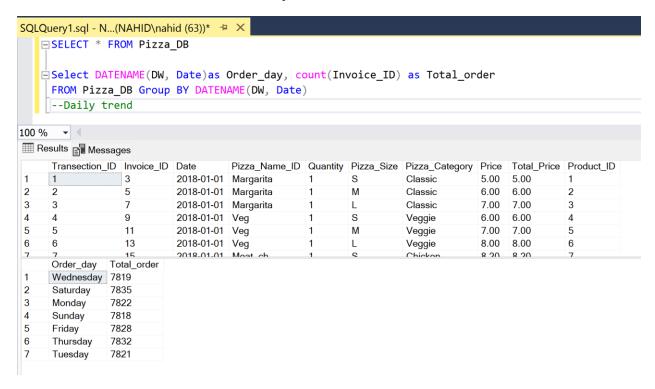
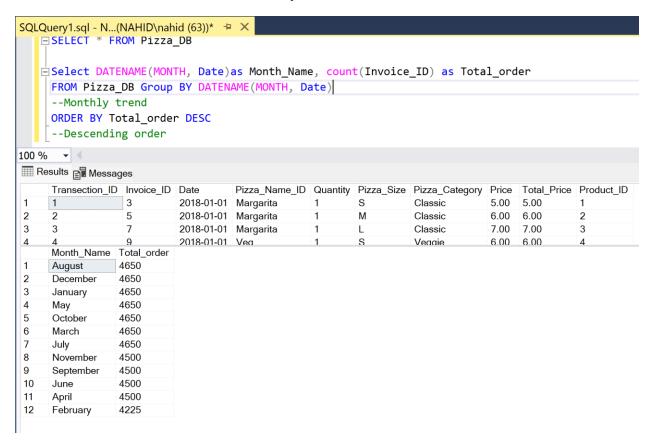


Chart requirement

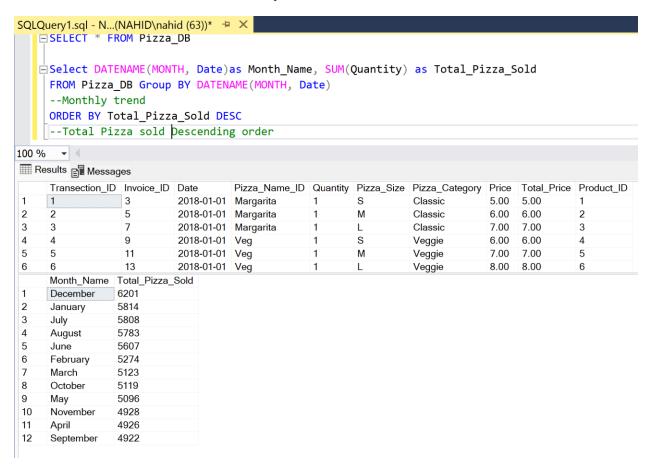
7. Daily trend total order



8. Monthly trend total order



9. Monthly trend total Pizza sold



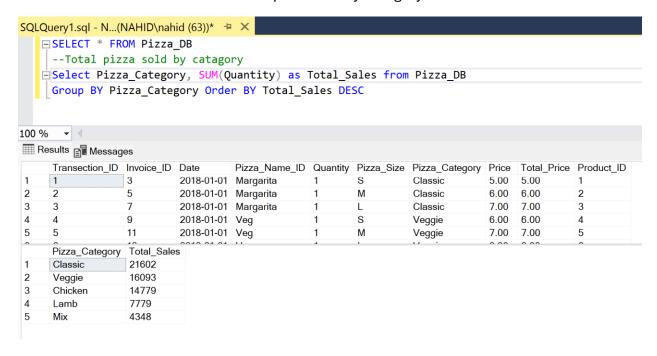
10. Percentage of sales by pizza category

```
SQLQuery1.sql - N...(NAHID\nahid (63))* 📮 🗙
    (SELECT SUM(Total_Price) from Pizza_DB) AS Tot_Sales_Parcentage
    From Pizza_DB As Total_Sales Group BY Pizza_Category --Total % sales
     --If Determine total sales
    Select Pizza_Category, SUM(Total_Price) as Total_Sales,
     SUM(Total Price) * 100 /
      (SELECT SUM(Total Price) from Pizza DB) AS Tot Sales Parcentage
     From Pizza_DB As Total_Sales Group BY Pizza_Category
100 % ▼ ◀
Results Messages
      Transection_ID Invoice_ID Date
                                      Pizza_Name_ID Quantity Pizza_Size Pizza_Category Price Total_Price Product_ID
                            2018-01-01 Margarita
                                                                                   5.00
                                                                                        5.00
                                                            S
                                                                     Classic
                   3
     1
                            2018-01-01 Margarita
                                                                                   6.00
                                                                                        6.00
2
                                                                      Classic
     Pizza_Category
                  Tot_Sales_Parcentage
1
     Classic
                   23.4977
2
     Chicken
                   27.6709
3
      Veggie
                   22.3045
4
      Lamb
                   16.2833
5
     Mix
                   10.2435
     Pizza_Category | Total_Sales | Tot_Sales_Parcentage
     Classic
                   113728.00 23.4977
2
     Chicken
                   133926.03 27.6709
3
     Veggie
                   107953.00 22.3045
4
                             16.2833
                   78810.50
      Lamb
5
      Mix
                   49578.32
                             10.2435
SQLQuery1.sql - N...(NAHID\nahid (63))* = X
   ☐Select Pizza_Category, SUM(Total_Price) as Total_Sales,
     SUM(Total_Price) * 100 /
     (SELECT SUM(Total_Price) from Pizza_DB where MONTH(Date)=1) AS Tot_Sales_Parcentage
     From Pizza_DB As Total_Sales
     where MONTH(Date)=1 --Filtering by month 1(Jan)
     Group BY Pizza_Category
100 % ▼ ◀
Results Messages
     Transection_ID Invoice_ID Date
                                     Pizza_Name_ID Quantity Pizza_Size Pizza_Category Price Total_Price Product_ID
                  3
                           2018-01-01
                                     Margarita
                                                          S
                                                                    Classic
                                                                                 5.00
                                                                                       5.00
     1
2
     2
                  5
                           2018-01-01
                                     Margarita
                                                  1
                                                          M
                                                                    Classic
                                                                                 6.00
                                                                                       6.00
                                                                                                 2
                           2018-01-01 Margarita
3
                  7
                                                                    Classic
                                                                                 7.00
                                                                                      7.00
     3
                                                          L
                                                                                                 3
                                                  1
                           2018-01-01 Veg
                                                          S
                                                                    Veggie
                                                                                 6.00
                                                                                      6.00
                  Total_Sales Tot_Sales_Parcentage
     Pizza_Category
                             23.358
     Classic
                  10185.00
2
     Chicken
                   11837.95
                             27.1489
3
                   9942.00
                             22.8007
     Veggie
     Lamb
                   7103.67
                             16.2914
     Mix
                  4535.13
                             10.4007
```

11. Percentage of sales by size

```
SQLQuery1.sql - N...(NAHID\nahid (63))* + X
   □SELECT * FROM Pizza_DB
     --Percentage of sales by size
   ☐Select Pizza Size, SUM(Total Price) as Total Sales,
     SUM(Total_Price) * 100 /
     (SELECT SUM(Total_Price) from Pizza_DB Where DATEPART(QUARTER,Date)=1) AS Tot_Sales_Parcentage
     From Pizza_DB As Total_Sales
     Where DATEPART(QUARTER, Date)=1 -- Function to filter by Quarter
     Group BY Pizza_Size Order BY Tot_Sales_Parcentage DESC
100 % ▼ ◀
Results Messages
      Transection_ID Invoice_ID Date
                                      Pizza_Name_ID Quantity Pizza_Size Pizza_Category Price Total_Price Product_ID
                            2018-01-01 Margarita
                                                                                   5.00
                  3
                                                           S
                                                                     Classic
                                                                                        5 00
2
     2
                  5
                            2018-01-01 Margarita
                                                           Μ
                                                                     Classic
                                                                                   6.00
                                                                                        6.00
                                                                                                   2
                  7
                                                                                   7.00 7.00
3
     3
                            2018-01-01 Margarita
                                                           L
                                                                     Classic
                                                                                                   3
                            2018-01-01 Veg
4
     4
                  9
                                                           S
                                                                     Veggie
                                                                                   6.00
                                                                                        6.00
                                                                                                  4
                                                    1
5
                  11
                            2018-01-01 Vea
                                                           М
                                                                     Veaaie
                                                                                   7 00
                                                                                        7 00
                                                                                                   5
     Pizza_Size Total_Sales Tot_Sales_Parcentage
1
               52745.26
                          43.422
               51032.98
                          42.0124
2
3
               17692.78
                         14.5654
```

12. Total pizza sold by category



13. Best seller Total pizza sold



14. Worst seller Total Pizza Sold

```
SQLQuery1.sql - N...(NAHID\nahid (63))* 😑 🗙
     --Worst Saler pizza
   Select Pizza Name ID, SUM(Total Price) as Total Sales from Pizza DB
     Group BY Pizza Name ID
     --Worst Saler pizza Top 3
   Select Top 3 Pizza_Name_ID, SUM(Total_Price) as Total_Sales from Pizza_DB
     Group BY Pizza_Name_ID Order BY Total_Sales ASC --just Ascending function gets the bottom
100 %
Results Messages
      Transection_ID Invoice_ID Date
                                       Pizza_Name_ID Quantity Pizza_Size Pizza_Category Price
                                                                                          Total_Price Product_ID
                            2018-01-01 Margarita
                   3
                                                             S
                                                                       Classic
                                                                                     5.00
                                                                                          5.00
                            2018-01-01 Margarita
2
                   5
                                                             М
                                                                       Classic
                                                                                     6.00
                                                                                          6.00
                                                                                                     2
3
                            2018-01-01 Margarita
                                                                       Classic
                                                                                     7 00 7 00
     Pizza_Name_ID
                   Total_Sales
1
                   113728.00
     Margarita
2
     Meat Im
                    78810.50
3
      Meat_ch
                    133926.03
4
     Veg_Mt
                    49578.32
5
     Veg
                    107953.00
     Pizza Name ID Total Sales
     Veg_Mt
                    49578.32
2
                    78810.50
      Meat_Im
3
     Veg
                    107953.00
SQLQuery1.sql - N...(NAHID\nahid (63))* + X
      --Worst Saler pizza by quantity Top 3
    Select Top 3 Pizza Name ID, SUM(Quantity) as Total Quantity from Pizza DB
     Group BY Pizza_Name_ID Order BY Total_Quantity ASC
100 % ▼ ◀
Results Messages
      Transection_ID Invoice_ID Date
                                       Pizza_Name_ID Quantity Pizza_Size Pizza_Category Price
                                                                                          Total Price Product ID
                   3
                             2018-01-01 Margarita
                                                     1
                                                             S
                                                                       Classic
                                                                                     5.00
                                                                                           5.00
     1
 2
      2
                   5
                             2018-01-01 Margarita
                                                             Μ
                                                                       Classic
                                                                                     6.00
                                                                                           6.00
                                                                                                     2
 3
                   7
                                                                       Classic
                                                                                     7.00
                                                                                           7.00
      3
                             2018-01-01 Margarita
                                                             L
                                                                                                     3
                                                     1
 4
      4
                   9
                             2018-01-01 Veg
                                                     1
                                                             S
                                                                       Veggie
                                                                                     6.00
                                                                                           6.00
                                                                                                     4
 5
                             2018-01-01 Vea
                                                                       Vennie
                                                                                     7.00 7.00
      Pizza_Name_ID Total_Quantity
 1
      Veg_Mt
                    4348
      Meat Im
                    7779
 2
 3
      Meat_ch
                    14779
```