**Data Analysis Using Power BI**

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1. Formula to create Total Revenue  
      
   Total Revenue = Sales[Units] \* Related(‘ProductDetails’[Retail Price])
2. Formula to create Total Cost  
     
   Total Cost = Sales[Units] \* Related(‘ProductDetails’[Standard Cost])
3. Formula to create Gross Profit

Gross Profit = Sales[Total Revenue] – Sales[Total Cost])

1. Formula to create QOQ Growth

Tot Rev = Sum(Sales[Total Revenue])

Prev Qtr = Calculate([Tot Rev], PREVIOUSQUARTER(Date Master[Date]))

QOQ Growth = ([Tot Rev] – [Prev Qtr])/ [Prev Qtr]

1. Formula to create MOM Growth

Tot Profit = Sum(Sales[Gross Profit])

Prev Month Profit = Calculate([Tot Profit],PREVIOUSMONTH(Date Master[Date])

MOM Growth = ([Tot Profit] – [Prev Month Profit]) / [Prev Month Profit]

Date Master Table Creation

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Date Master = Calendar(FIRSTDATE(Sales[Date]),LASTDATE(Sales[Date]))

Year = YEAR(‘DateMaster’[Date])

Month = Month(‘Date Master’[Date])

Month Name = FORMAT(Date Master’[Date], “MMM”)

Qtr = QUARTER(‘Date Master’[Date])

Week Day = WEEKDAY(‘Date Master’[Date])

Week Num = WEEKNUM(‘Date Master’[Date])

Week Day Name = FORMAT(‘Date Master’[Date], “DDD”)