**ClassWork Tasks - Day 1**

**Task:1**

Create a Quick Measure to calculate Profit Margin as a percentage of Sales.

**Task:2**

Create a DAX measure to calculate the Sales-to-Quantity Ratio.

**Task:3**

Count how many orders have missing Postal Code.

**Task:4**

Calculate median sales per region.

**Task:5**

Sales over the last 90 days using DATESINPERIOD.

**Task:6**

Calculate YTD Profit.

**Task:1**

Create a Quick Measure to calculate Profit Margin as a percentage of Sales.

profit% margin = DIVIDE(sum(Orders[Profit]),sum(Orders[Sales]))

0.12

**Task:2**

Create a DAX measure to calculate the Sales-to-Quantity Ratio.

Sales-to-Quantity Ratio = DIVIDE(sum(Orders[Sales]),SUM(Orders[Quantity]))

60.66

**Task:3**

Count how many orders have missing Postal Code.

Missing\_Postal\_code\_order = COUNTBLANK(Orders[Postal Code])

11

**Task:4**

Calculate median sales per region

Median Sales per Region =

SUMMARIZECOLUMNS(

    Orders[Region],

    "Median Sales", MEDIAN(Orders[Sales])

)

**Task:5**

Sales over the last 90 days using DATESINPERIOD.

SalesLast90Days = CALCULATE(SUM('Orders'[Sales]), DATESINPERIOD('DimDate'[Date], MAX('DimDate'[Date]), -90, DAY))

**Task:6**

Calculate YTD Profit.

YTD = CALCULATE(SUM(Orders[Profit]),DATESYTD(dayname[Orders\_Order Date].[Date]))