edX

Exercise 2: Year to Date

Year-to-date (YTD) is a period starting from the beginning of the current year and continuing up to the present date. You want to calculate the YTD sales and compare this with the figure from the same period last year. Specifically, you will create the following measures:

- **YTD Sales**: calculates the YTD sales. Format this measure as **Currency**. (Hint: Check out the **TOTALYTD** function).

- **LY YTD Sales**: calculates last year YTD sales. Format this measure as **Currency**. (Hint: You might find the **CALCULATE** and **SAMEPERIODLASTYEAR** function useful).

- **YTD Sales Var**: calculates sales variance between this year and last year YTD sales. Format this measure as **Currency**. (Hint: This is simply the difference between **YTD Sales** and **LY YTD Sales**).

- **YTD Sales Var %**: calculates sales variance between this year and last year YTD sales in percentage. Format this measure as **Percentage**. (Hint: This is simply the percentage of **YTD Sales Var** from **LY YTD Sales**. You might find the **DIVIDE** function useful).

Examples of each of these DAX expressions to calculate similar measures based on **Units** is shown beneath the questions.

Lab Question

3/3 points (graded)
Answer the following questions using the measures you created. (Do NOT include currency symbols, percent symbols or thousands separators, if the answer is negative then include the negative sign). Calculate the numbers without any context, either from the Power Pivot window or a pivot table with only measures. After you answer these questions, you can experiment with using these measures in pivot tables with a slicer on years or with years on rows/columns.

What is the figure for the YTD Sales measure? (to two decimal points)

259271739.77   ✔

259271739.77

What is the figure for the LY YTD Sales measure? (to two decimal points)

501870269.87   ✔

501870269.87

What is the figure for the YTD Sales Var % measure? (to two decimal places in the format 00.00, without the % sign)

-48.34   ✔
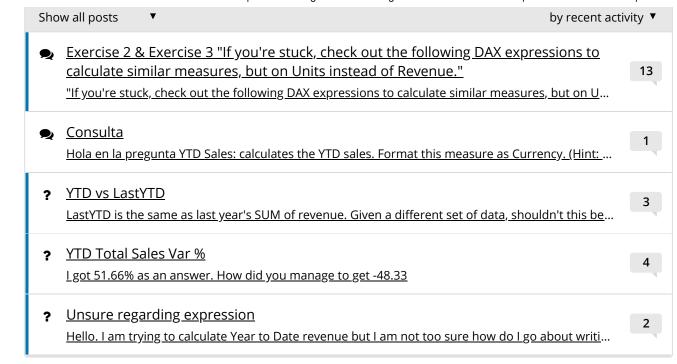
−48.34

Submit   You have used 1 of 2 attempts

If you're stuck, check out the following DAX expressions to calculate similar measures, but on **Units** instead of **Revenue**.

- **YTD Total Units**: YTD Total Units:=TOTALYTD([Total Units],'Calendar'[Date])

- **LY YTD Total Units:** LY YTD Total Units:=CALCULATE([YTD Total Units],SAMEPERIODLASTYEAR('Calendar'[Date]))

- **YTD Total Units Var**: YTD Total Units Var:=[YTD Total Units]-[LY YTD Total Units]

- **YTD Total Units Var %**: YTD Total Units Var %:=DIVIDE([YTD Total Units Var],[LY YTD Total Units])

Discussion

Topic: Module 5 / Exercise 2

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💬 **Exercise 2 & Exercise 3 "If you're stuck, check out the following DAX expressions to calculate similar measures, but on Units instead of Revenue."**
"If you're stuck, check out the following DAX expressions to calculate similar measures, but on U...   **13**

💬 **Consulta**
Hola en la pregunta YTD Sales: calculates the YTD sales. Format this measure as Currency. (Hint: ...   **1**

? **YTD vs LastYTD**
LastYTD is the same as last year's SUM of revenue. Given a different set of data, shouldn't this be...   **3**

? **YTD Total Sales Var %**
I got 51.66% as an answer. How did you manage to get -48.33   **4**

? **Unsure regarding expression**
Hello. I am trying to calculate Year to Date revenue but I am not too sure how do I go about writi...   **2**