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| EPAM Systems, RD Dep., RD Dep.  **POWER BI** |
| DAX Basics |

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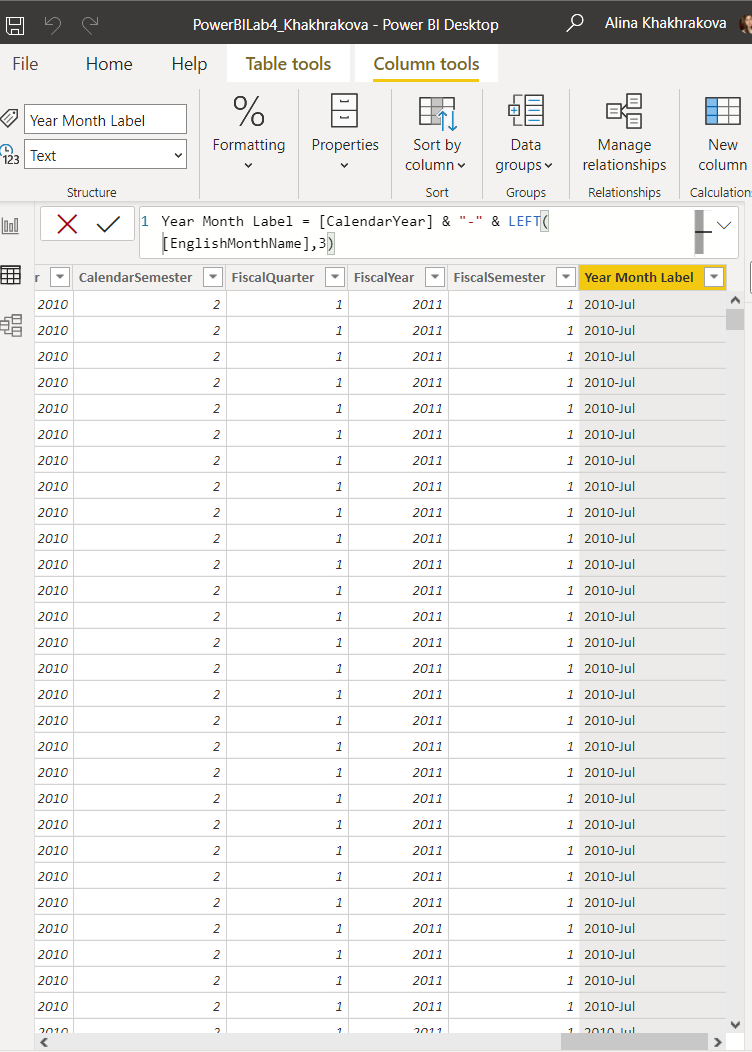
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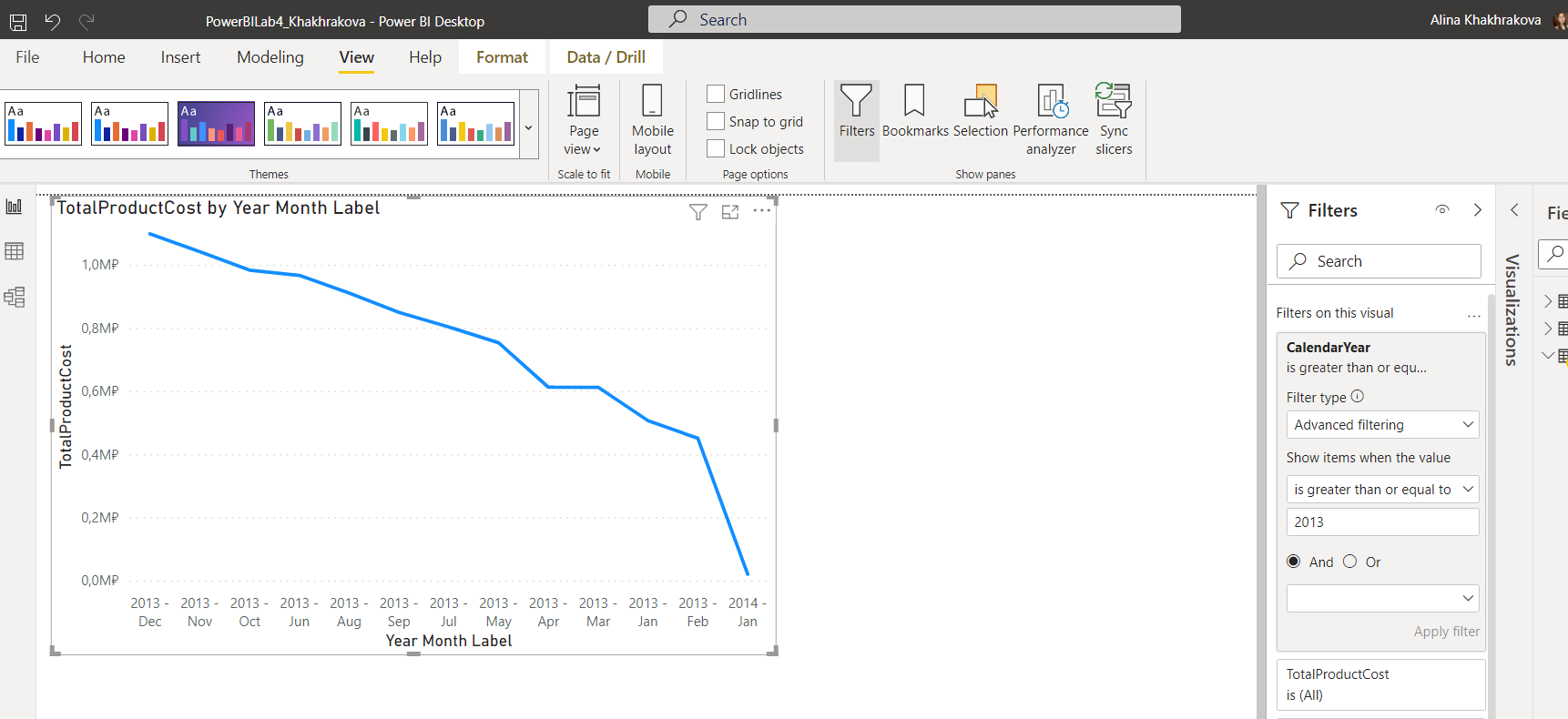
# CREATING SIMPLE DAX EXPRESSIONS

## CALCULATED COLUMN

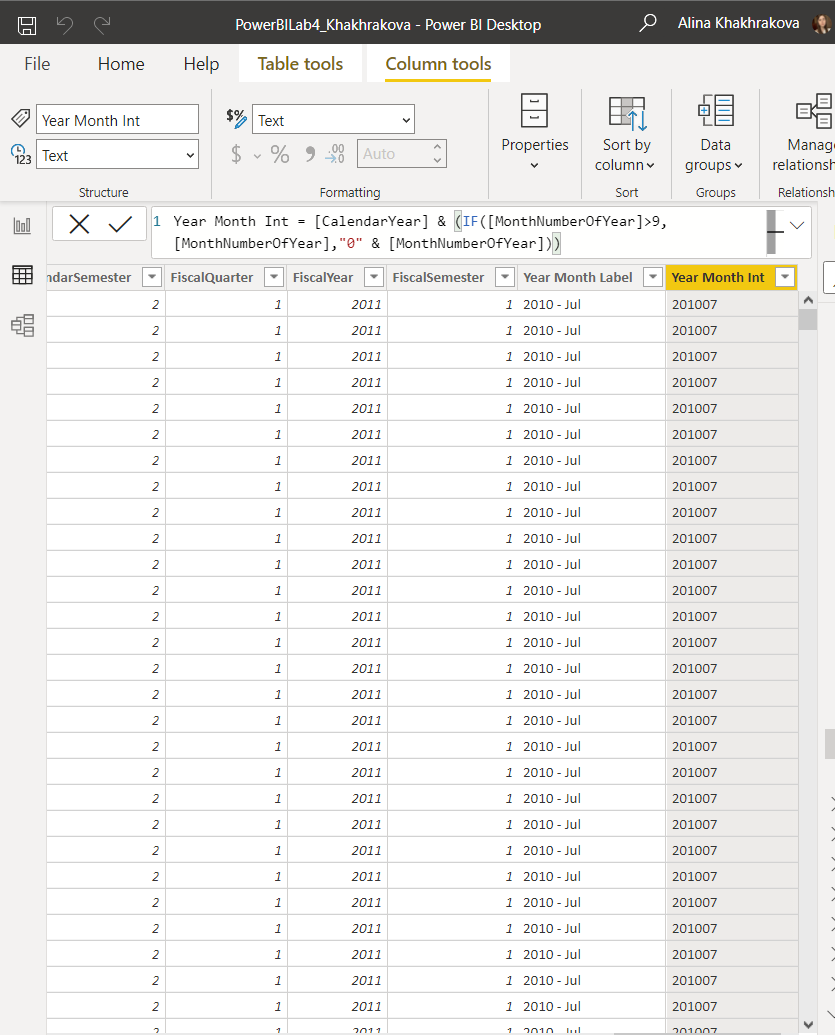
1. The column show the year and first 3 letter of month.



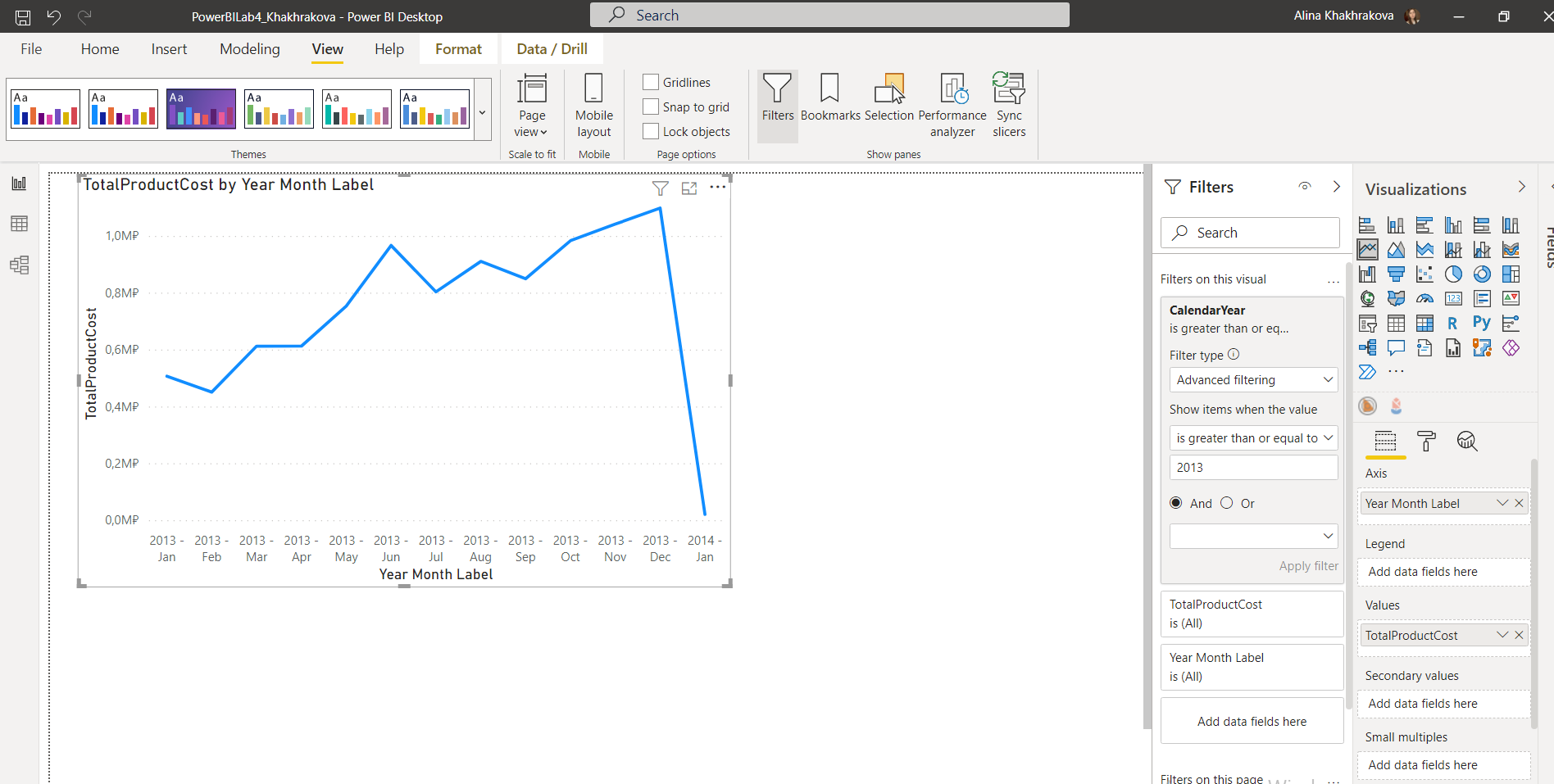
Line graph that displays Sales by the column ‘Year Month Label’ with month in alphabetic order



1. Add a new column ‘Year Month Int’

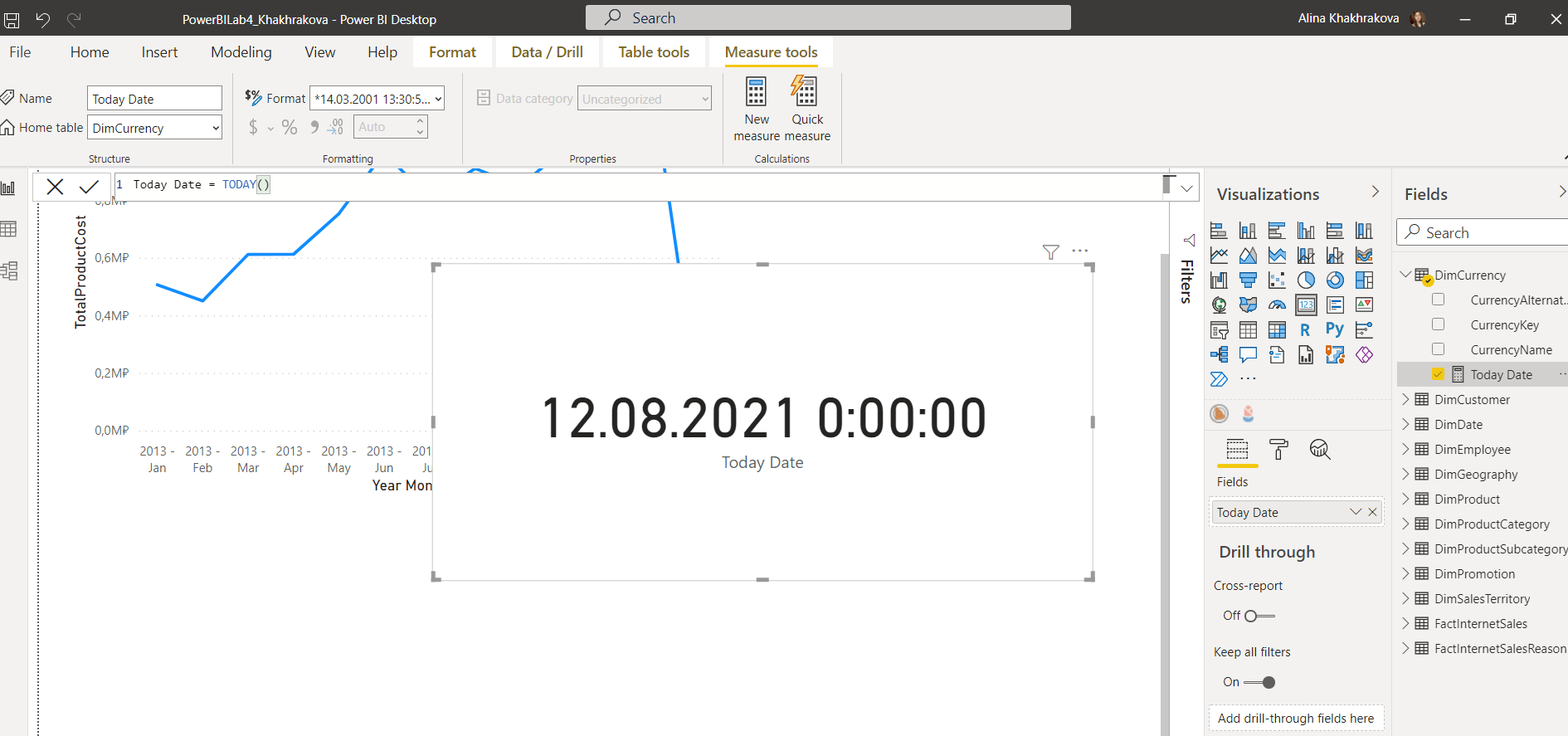


After sorting by a ‘Year Month Int’ all data is in a right order.

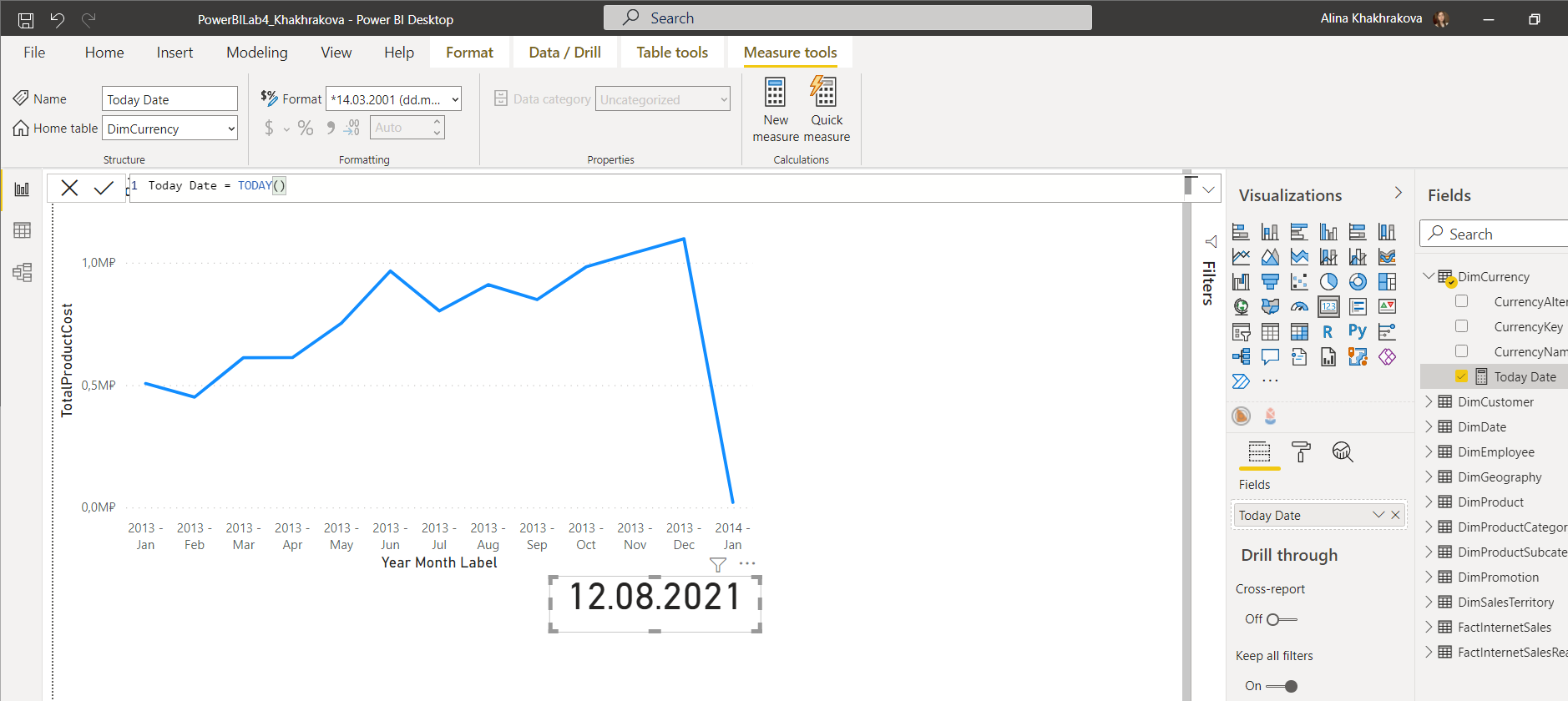


## MEASURE

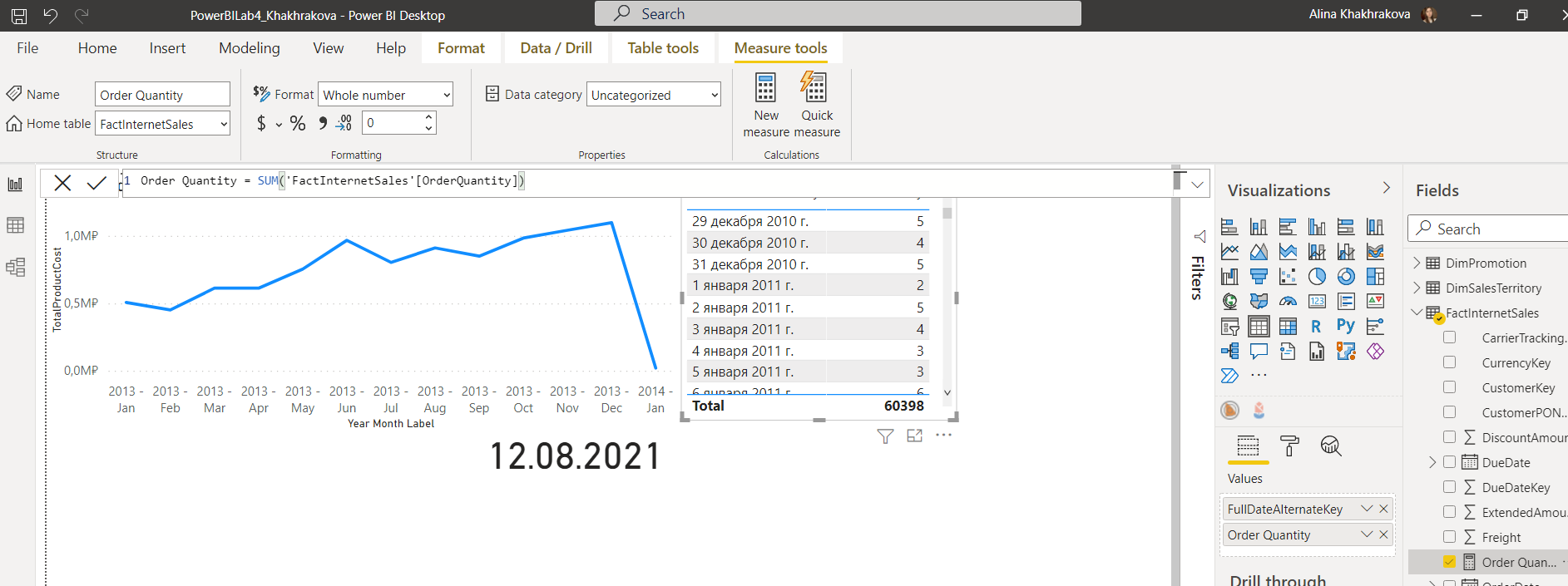
1. Add a new measure to ‘DimCurrency’ table and display it on the card visualization.



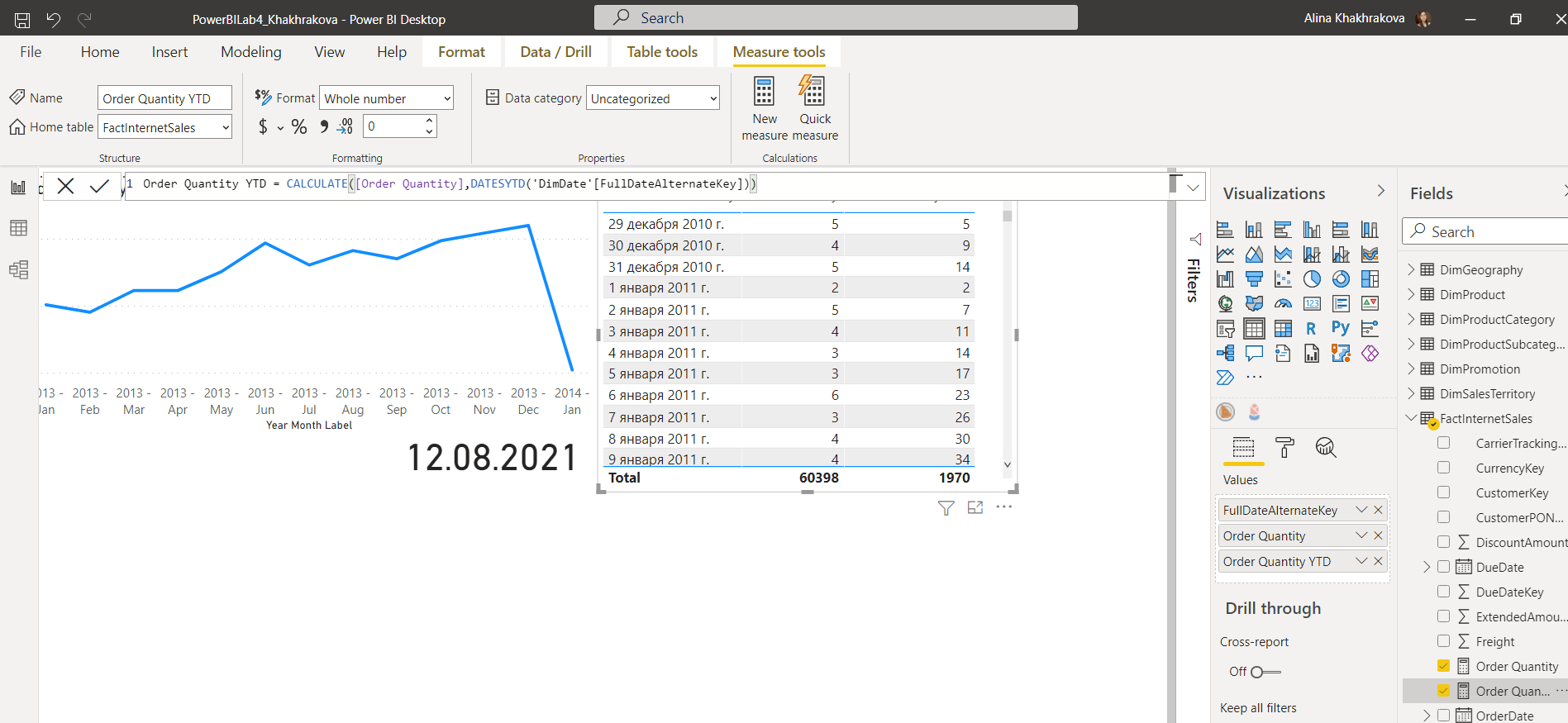
1. Changed date format .



1. Sum of order quantity calculation with visualisation.

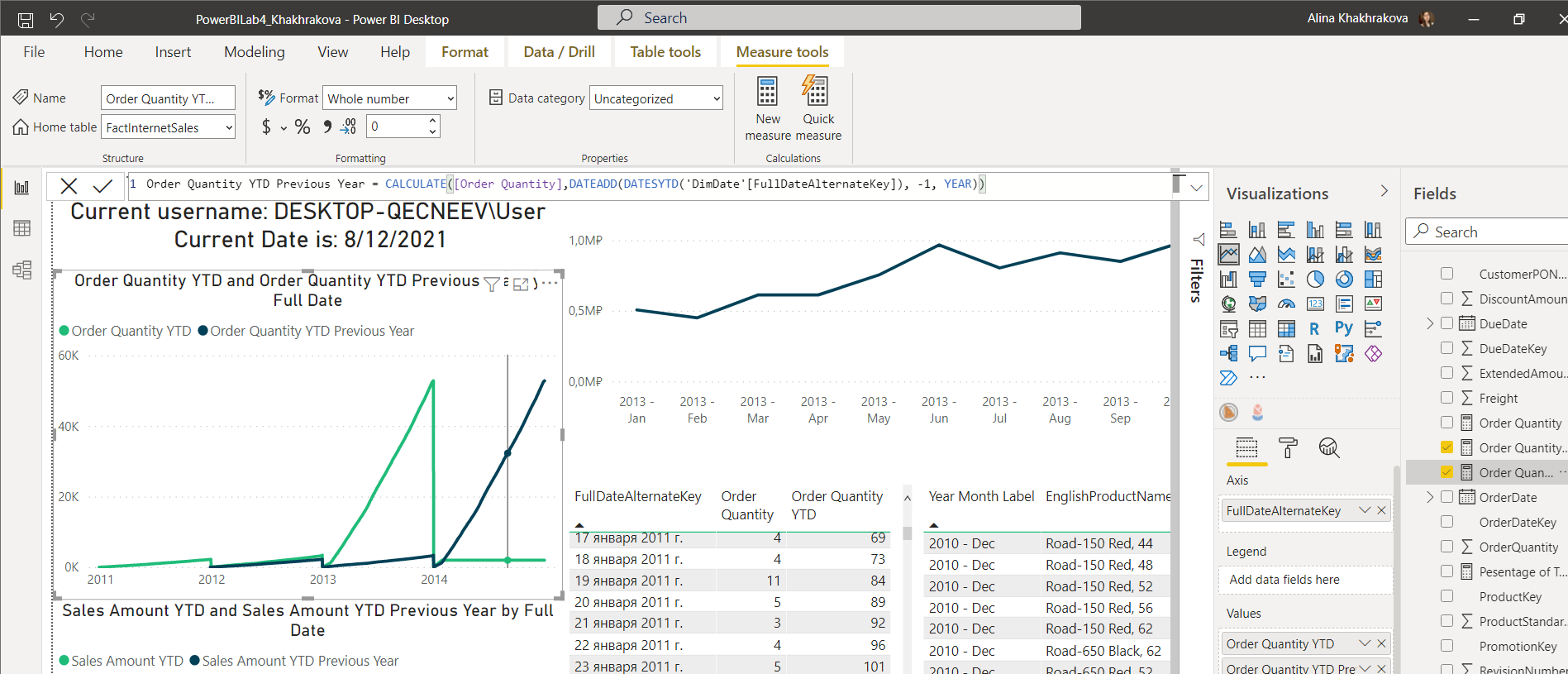


1. New calculation ‘Order Quantity YTD’

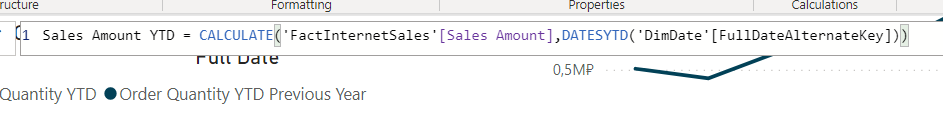
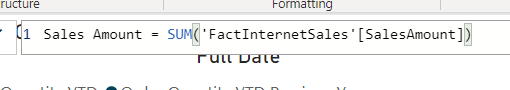


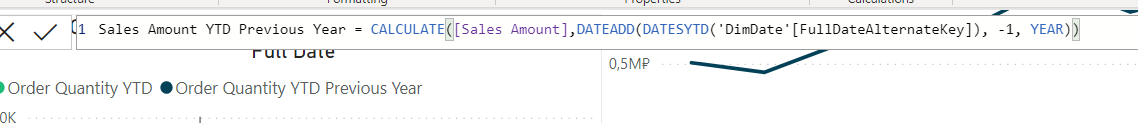
# CREATE LAB REPORT

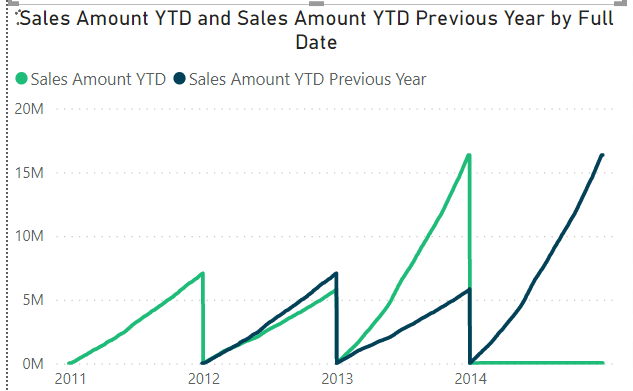
* 1. Add a line chart the displays Order Quantity YTD line and Order Quantity YTD for Previous Year (\*). Create measures for these calculations using DAX.



* 1. Add the same chart for Sales Amount

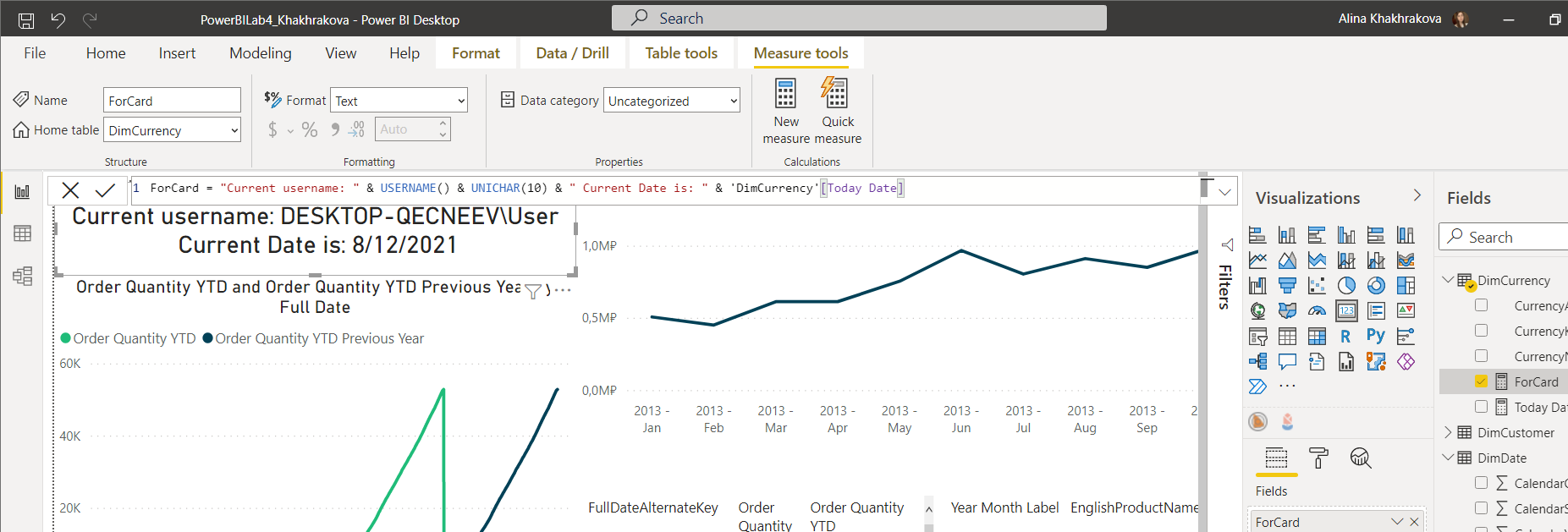






* 1. On top of the report display current username and current date in the format:

*Welcome, [Current User] Current Date is: [Current Date]*



* 1. Add a table that shows Year-Month label that was created during lab work, 2-3 Categories (Like Product Name, Color), Order Quantity and % of total Order quantity for the Dimensions Selected (e.g. table of 4 columns like on the picture below and % of total by Year Month Label and Color):

