

Question

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DeepSee: Comparison with the previous year

Is there a way in BI (DeepSee) to compare current value, to a value of a previous year?

For example I can hardcode this explicitly:

The screenshot shows the DeepSee BI interface for 'HoleFoods Sales'. The left sidebar contains a 'Dimensions' tree with 'Date Of Sale' expanded to 'YearSold', where '2016' is selected. The main area displays a table with columns for 'Product Name', '2017', and '2016'. The table lists various products and their sales counts for both years.

Product Name	2017	2016
Bagels (dozen)	15	20
Bundt Cake	12	6
Calamari (frozen)	13	17
Cheerios (box)	15	13
Donuts (dozen)	2	4
Free-range Donuts (dozen)	5	6
Fruit Loops (box)	7	17
Lifesavers (roll)	8	15
Onion ring	9	12
Onion ring	2	3
Penne (box)	13	9
Pineapple Rings (can)	25	18
Pretzels (bag)	7	15
Swiss Cheese (sliced)	8	12
Tortellini (frozen)	6	6
Unsalted Pretzels (bag)	2	6
Ziti (box)	23	20

But I want in a widget to filter by year (1st column) and get the value for a previous year in a next column. YTY would be even better.

What MDX functions should I use? Examples?

[#Analytics](#) [#Analyzer](#) [#InterSystems IRIS Analytics \(DeepSee\)](#)

Product version: IRIS 2020.1

Source URL: <https://community.intersystems.com/post/deepsee-comparision-previous-year>