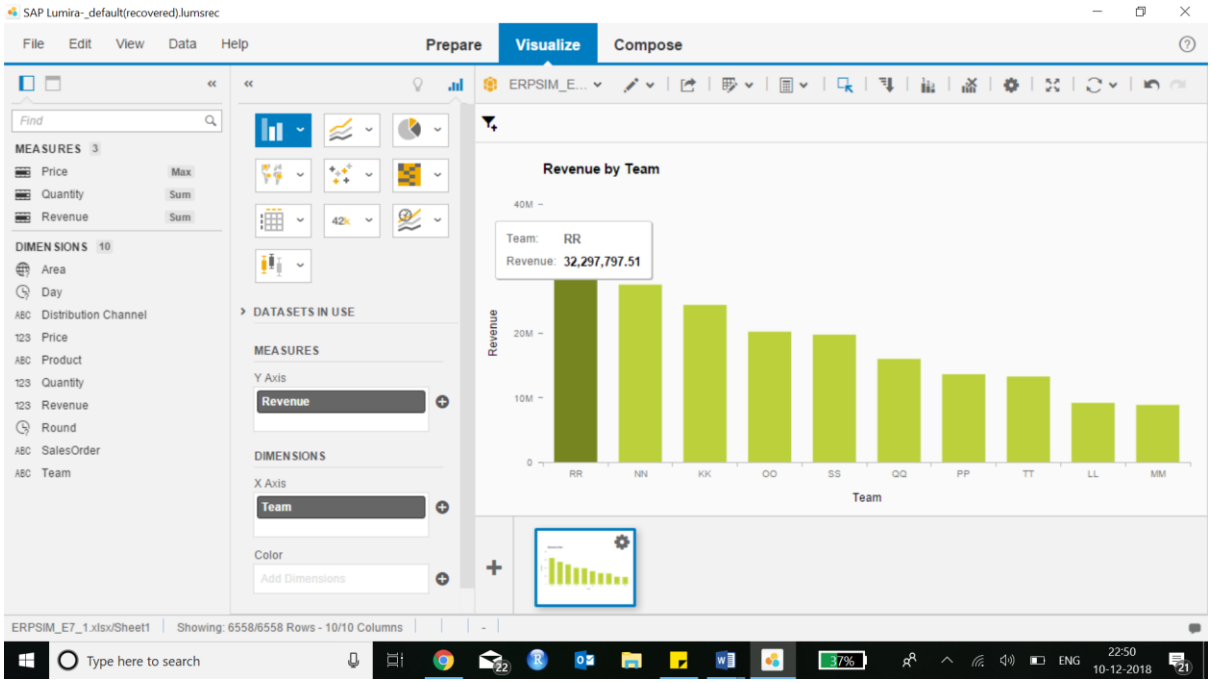
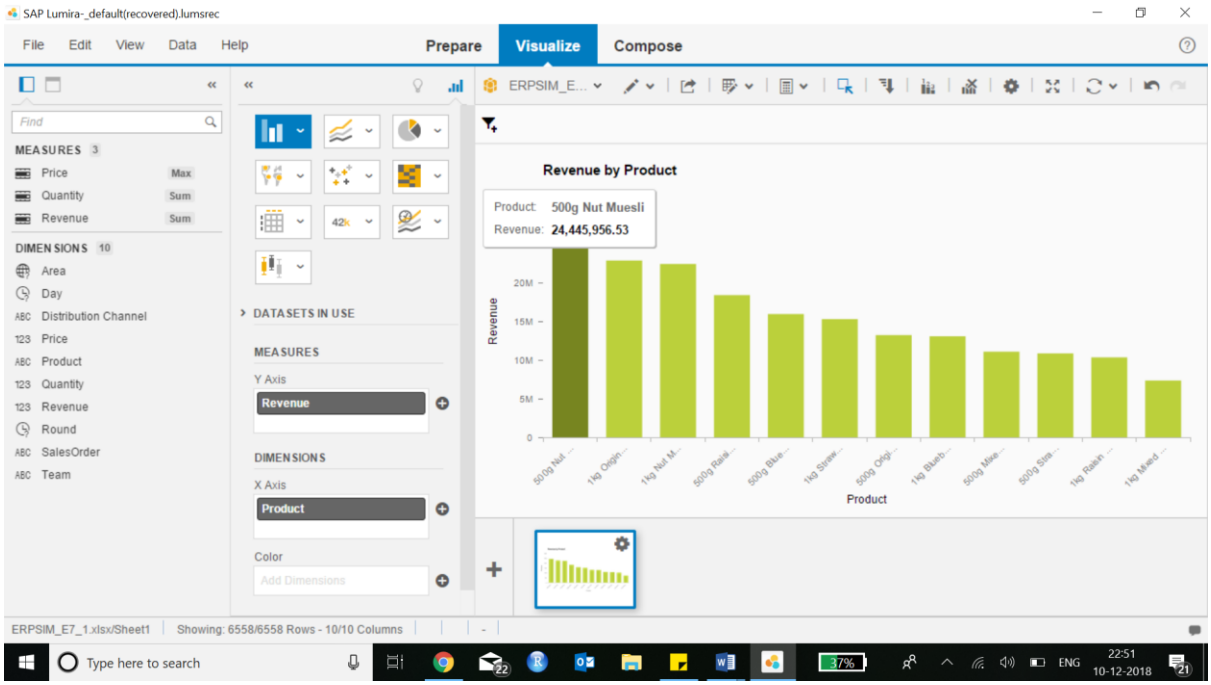
# Global Biking Initiative Analysis

## Analysis using SAP Lumeria

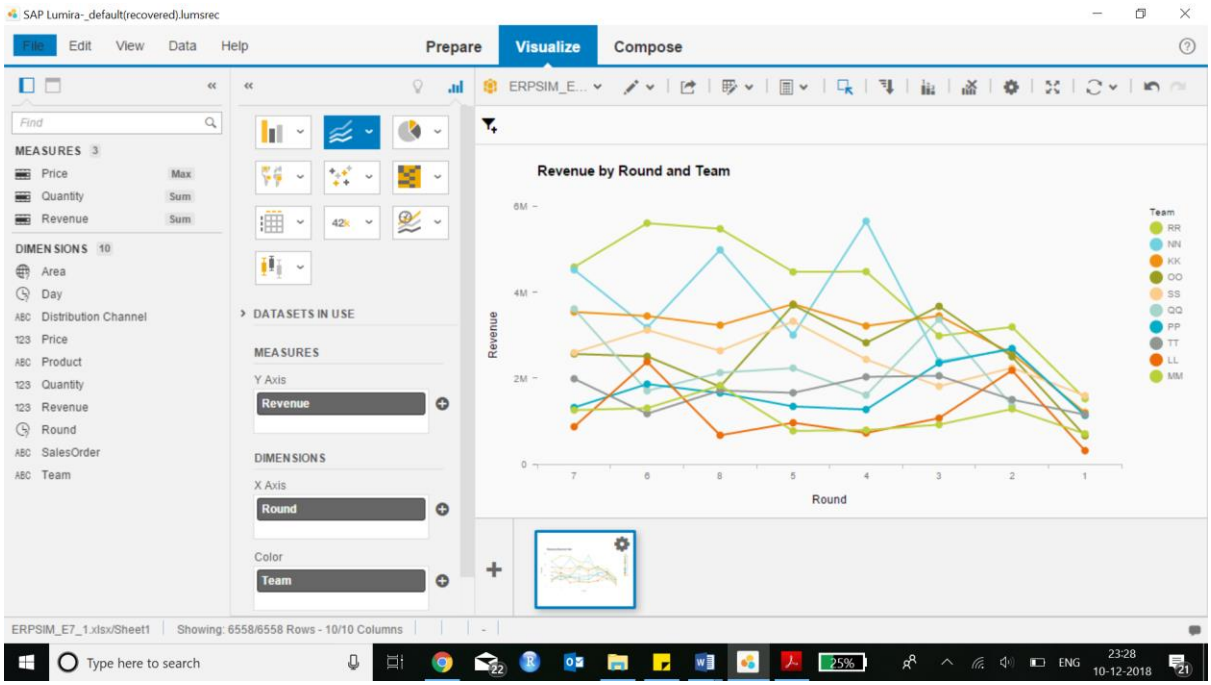
### Answer 1: The team RR has the highest revenue of $32,297,797.51.



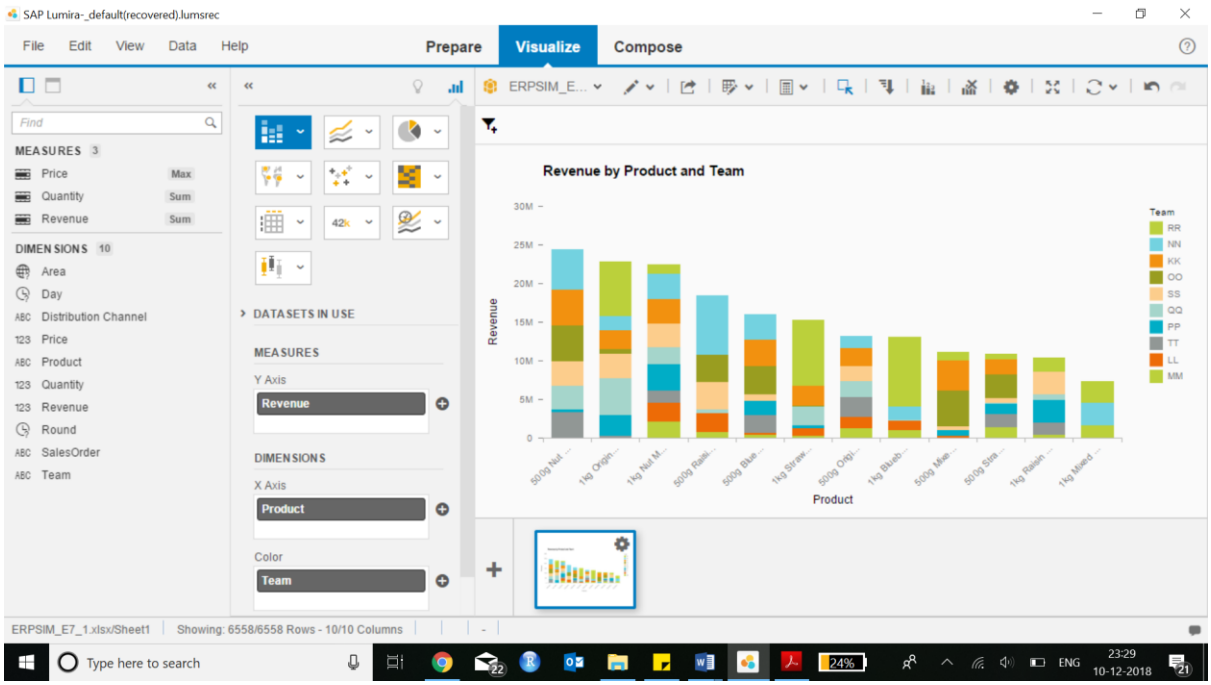

### Answer 2: 500g Nut Muesli has the highest revenue of $24,445,956.53.



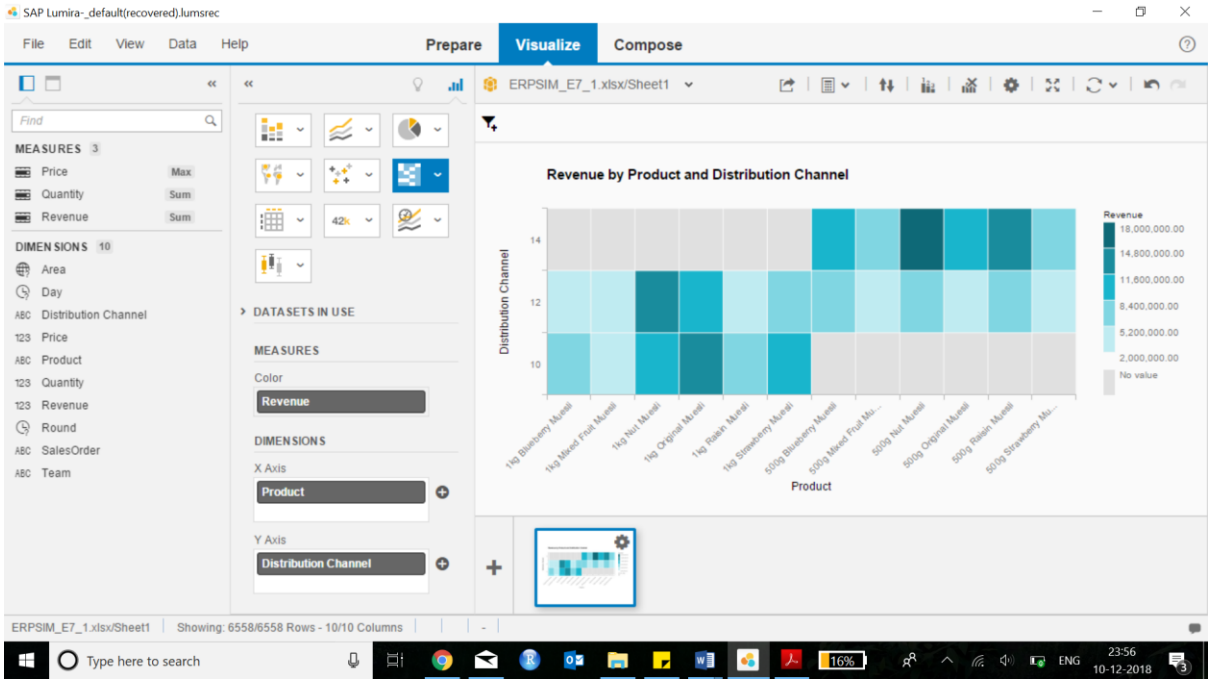
## Answer 3:



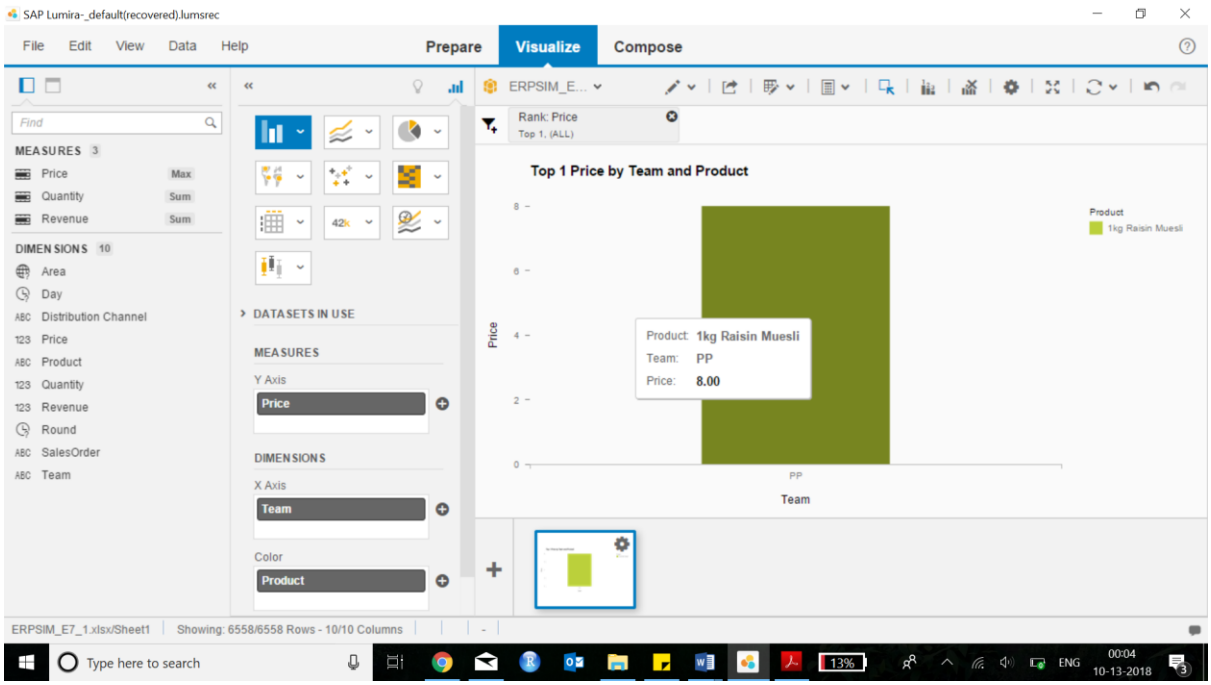

## Answer 4:



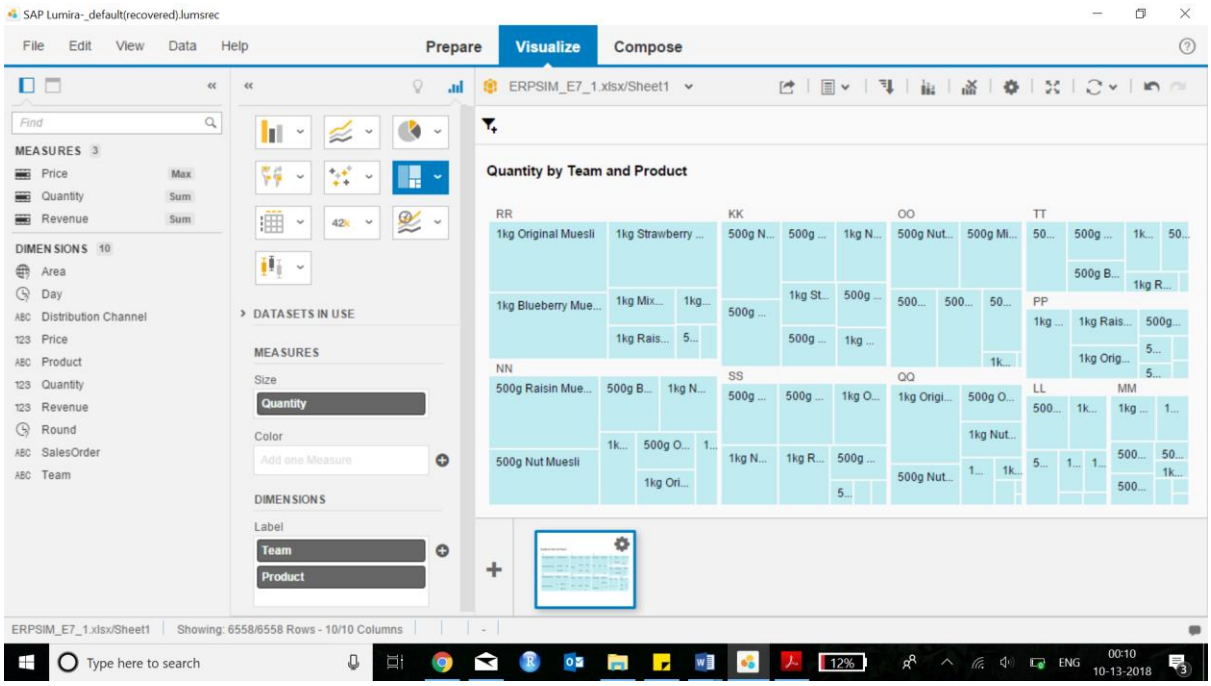
## Answer 5: Yes, there are many products that don't sell in specific distribution channels.



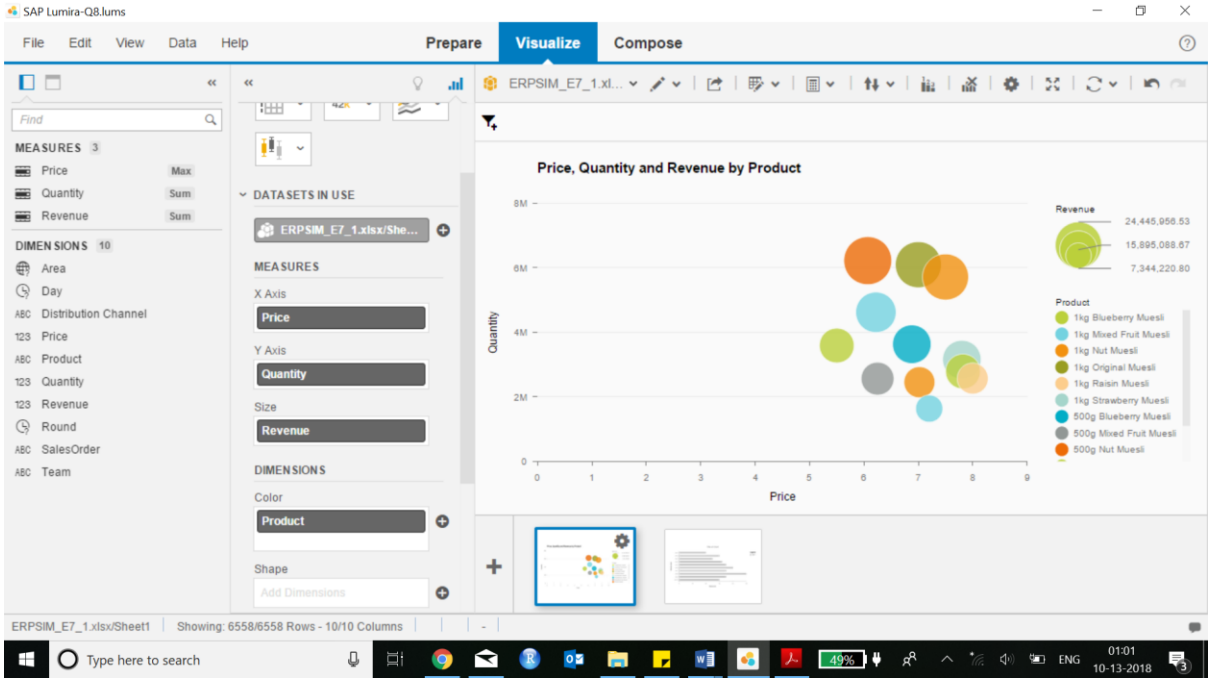

## Answer 6: Team PP sold the most expensive 1kg Raisin Muesli of price 8.



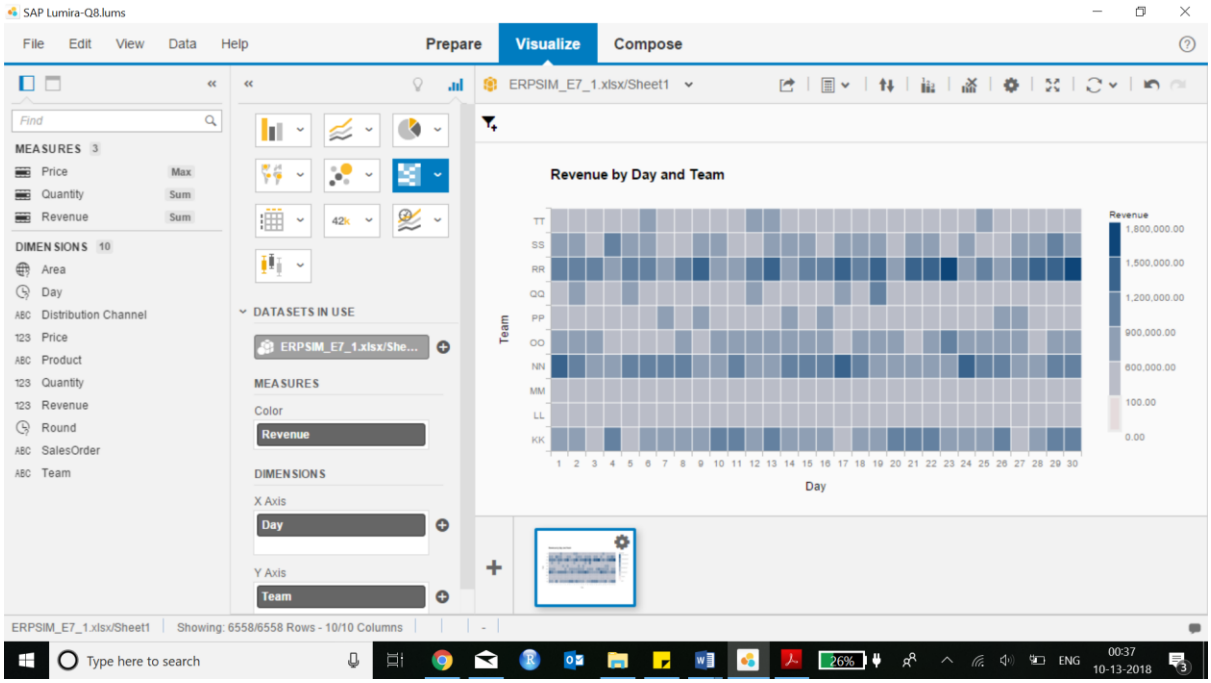
Answer 7: Team RR sold the most quantity of muesli and 1kg Raisin Muesli was most sold by the team.




Answer 8: 1kg Raisin Muesli, 1kg Blueberry Muesli and 1kg Strawberry has the highest price but 500g Nut Muesli, 1kg Original Muesli and 1kg net Muesli has the highest revenue.

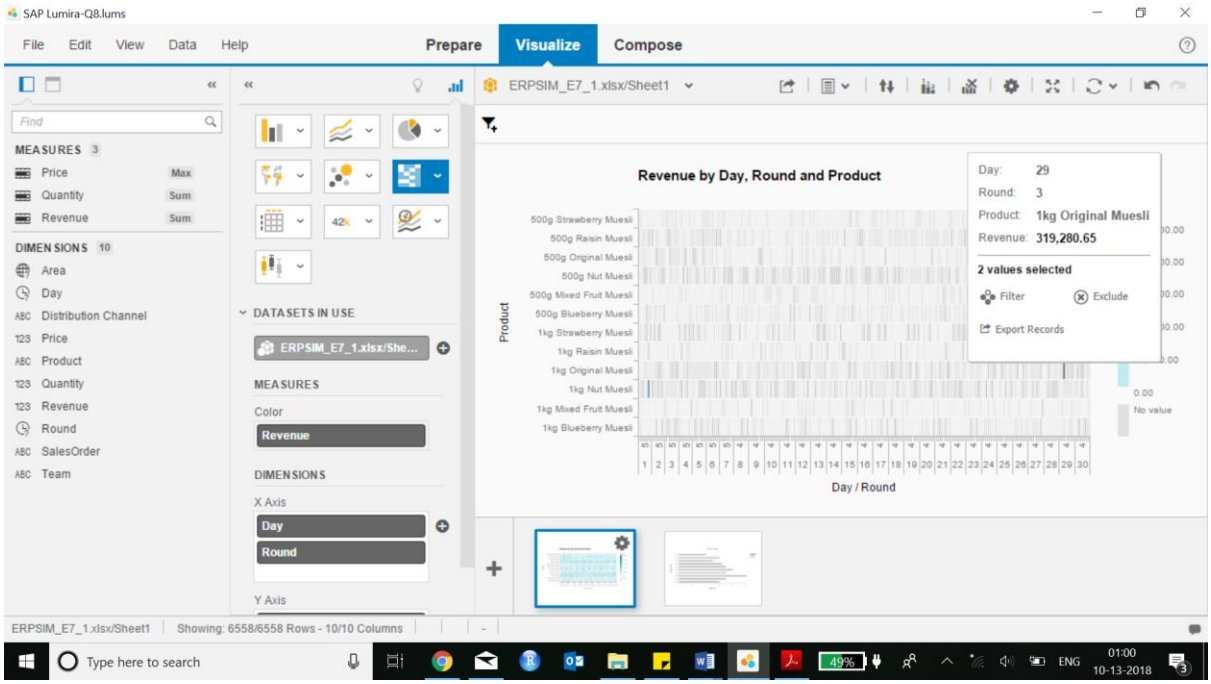


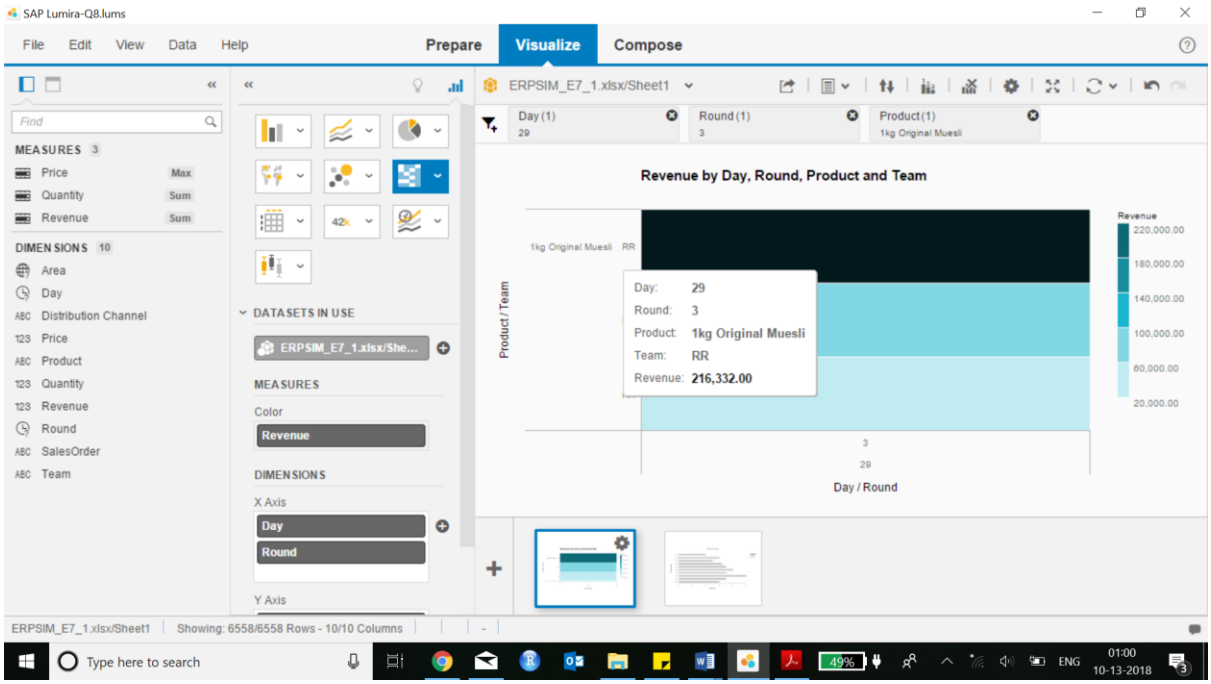
Answer 9: There is no day on which individual teams did not have any revenue.




Team NN made the highest revenue of $496,639.90 on Day 19 and round 4.

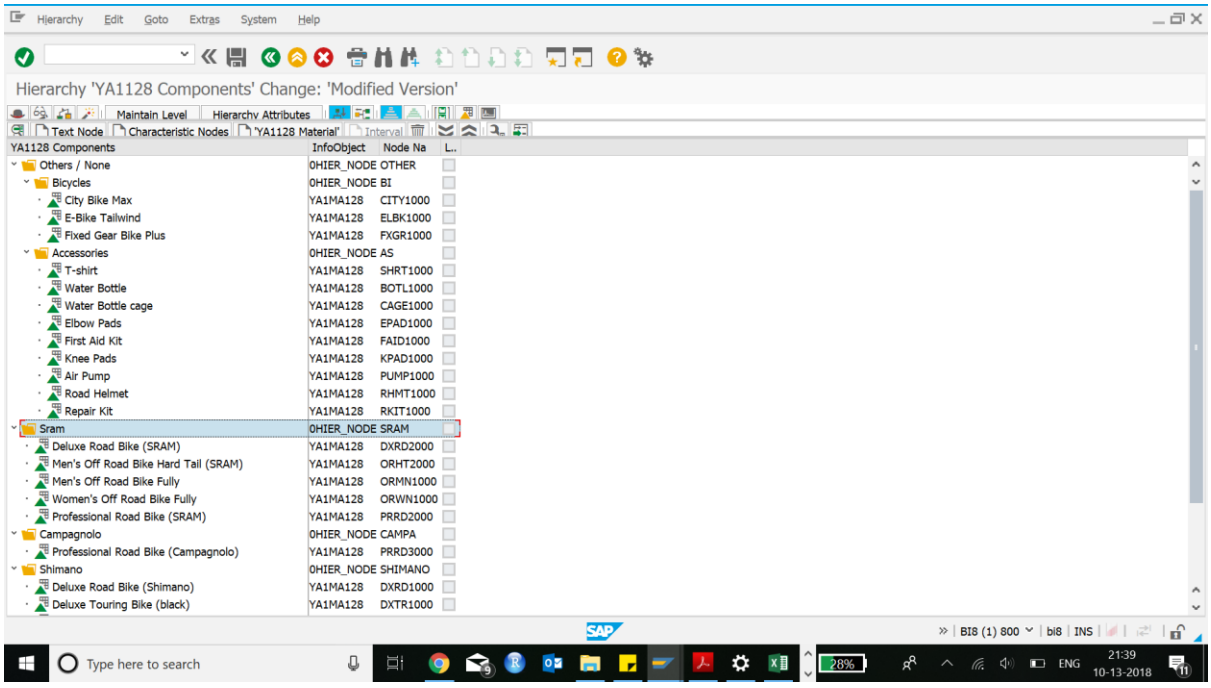
Answer 10: product 1kg Original Muesli has the highest revenue of $319,280.65 on Day 29 and Round 3 with Team RR provides the highest revenue of $216,332.



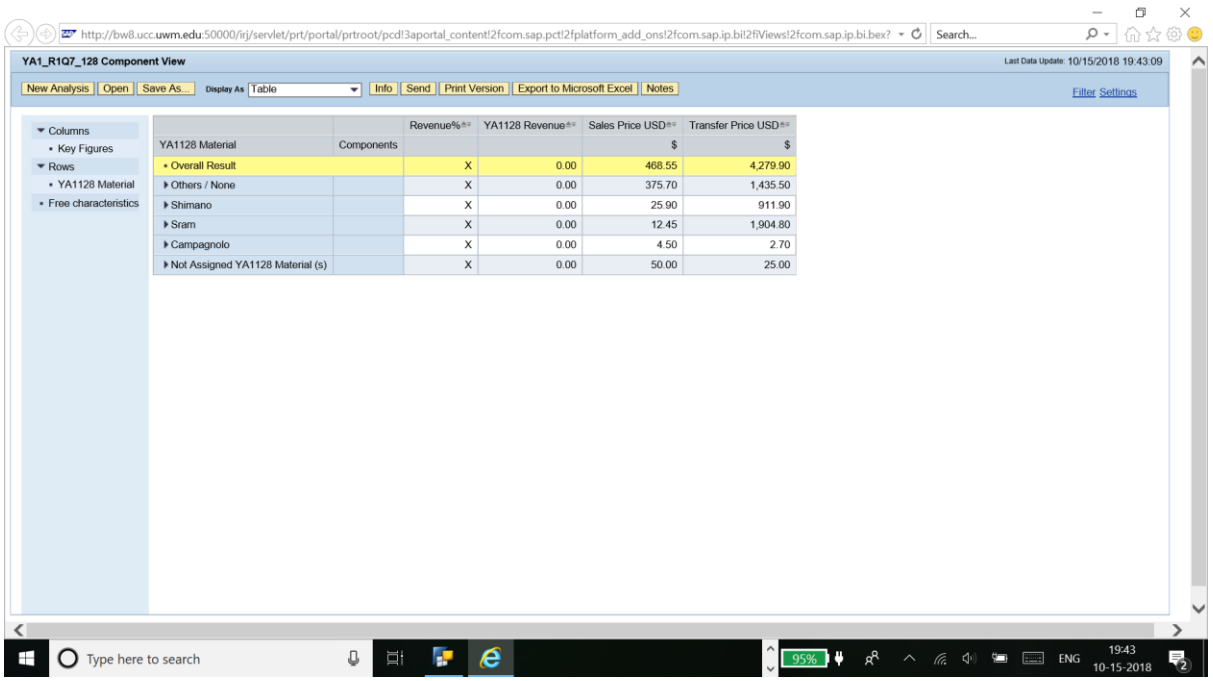


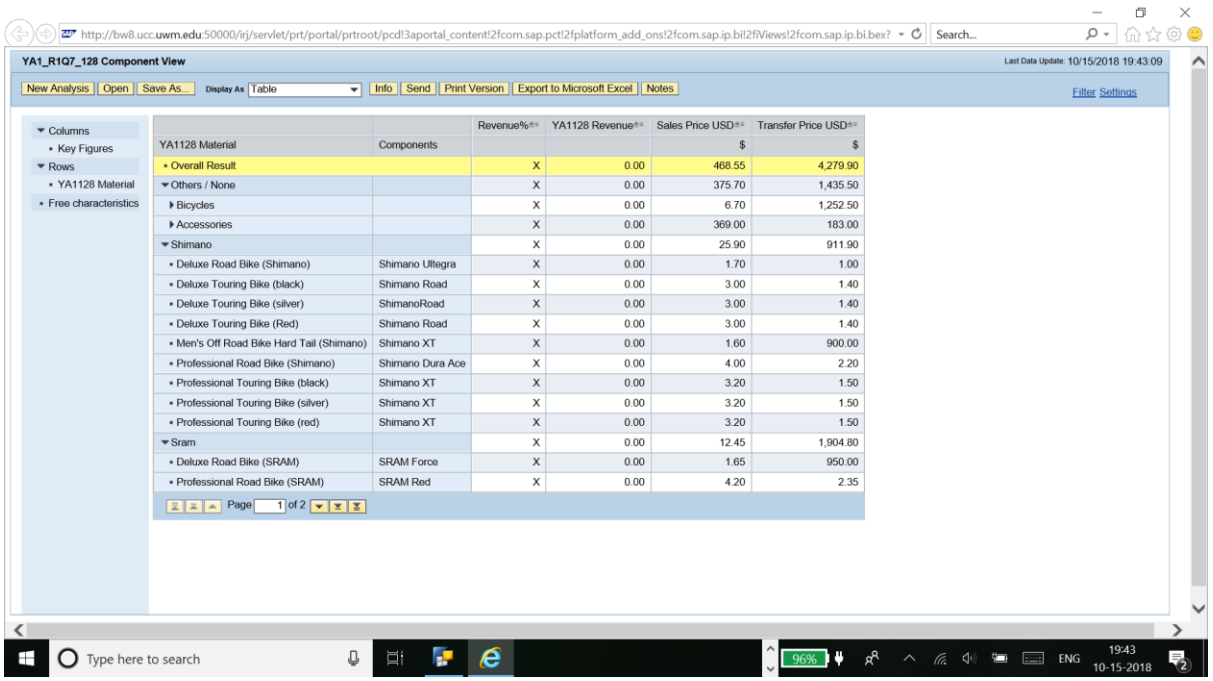

# Exercise 10

## Create an external Hierarchy for Material

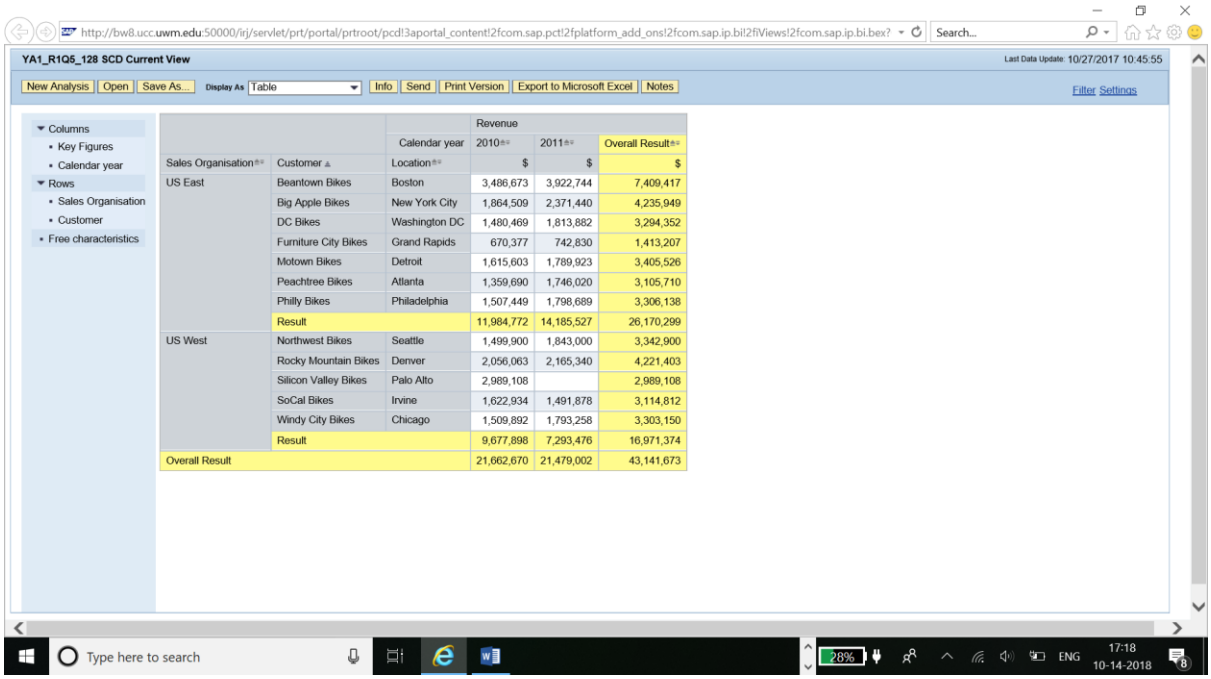


## Create a Query to analyse components



## Created a Query for Current View



YA1_R1Q5_128 SCD Current View

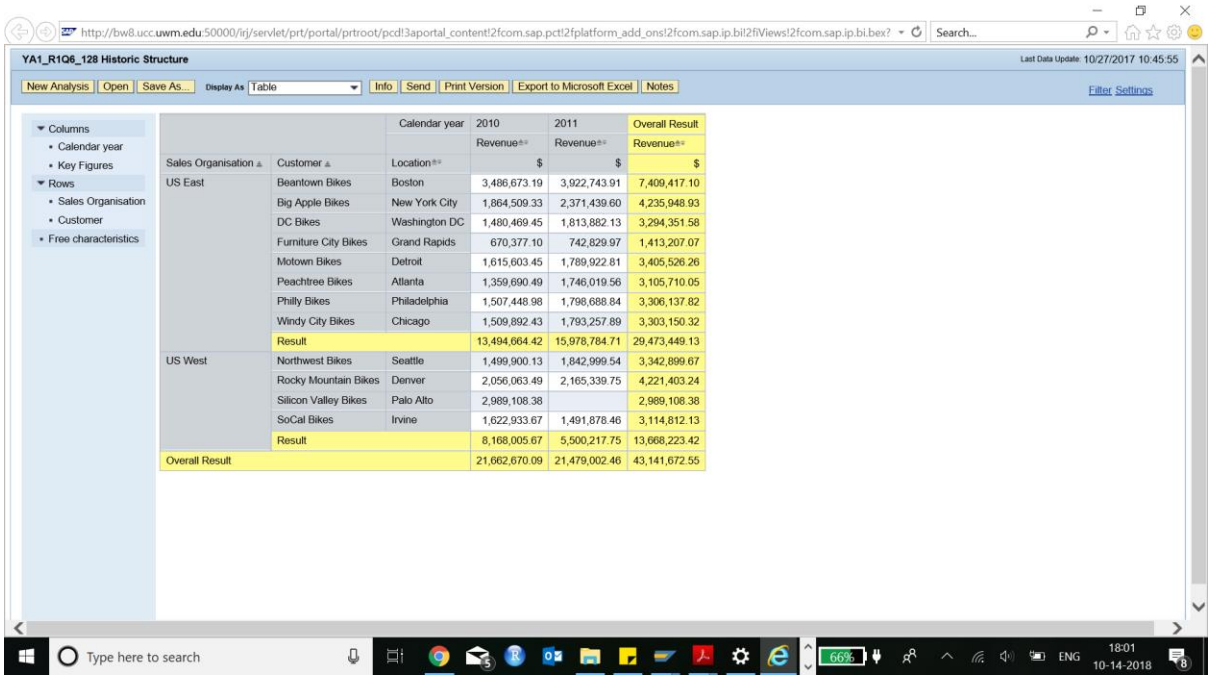
Last Data Update: 10/27/2017 10:45:55

New Analysis | Open | Save As... | Display As: Table | Info | Send | Print Version | Export to Microsoft Excel | Notes | Filter Settings

Columns: Key Figures, Calendar year
Rows: Sales Organisation, Customer
Free characteristics

| | | | Revenue | | |
|---|---|---|---|---|---|
| | | Calendar year | 2010 | 2011 | Overall Result |
| Sales Organisation | Customer | Location | $ | $ | $ |
| US East | Beantown Bikes | Boston | 3,486,673 | 3,922,744 | 7,409,417 |
| | Big Apple Bikes | New York City | 1,864,509 | 2,371,440 | 4,235,949 |
| | DC Bikes | Washington DC | 1,480,469 | 1,813,882 | 3,294,352 |
| | Furniture City Bikes | Grand Rapids | 670,377 | 742,830 | 1,413,207 |
| | Motown Bikes | Detroit | 1,615,603 | 1,789,923 | 3,405,526 |
| | Peachtree Bikes | Atlanta | 1,359,690 | 1,746,020 | 3,105,710 |
| | Philly Bikes | Philadelphia | 1,507,449 | 1,798,689 | 3,306,138 |
| | Result | | 11,984,772 | 14,185,527 | 26,170,299 |
| US West | Northwest Bikes | Seattle | 1,499,900 | 1,843,000 | 3,342,900 |
| | Rocky Mountain Bikes | Denver | 2,056,063 | 2,165,340 | 4,221,403 |
| | Silicon Valley Bikes | Palo Alto | 2,989,108 | | 2,989,108 |
| | SoCal Bikes | Irvine | 1,622,934 | 1,491,878 | 3,114,812 |
| | Windy City Bikes | Chicago | 1,509,892 | 1,793,258 | 3,303,150 |
| | Result | | 9,677,898 | 7,293,476 | 16,971,374 |
| Overall Result | | | 21,662,670 | 21,479,002 | 43,141,673 |

## Created a Query for Historic Structure



YA1_R1Q6_128 Historic Structure

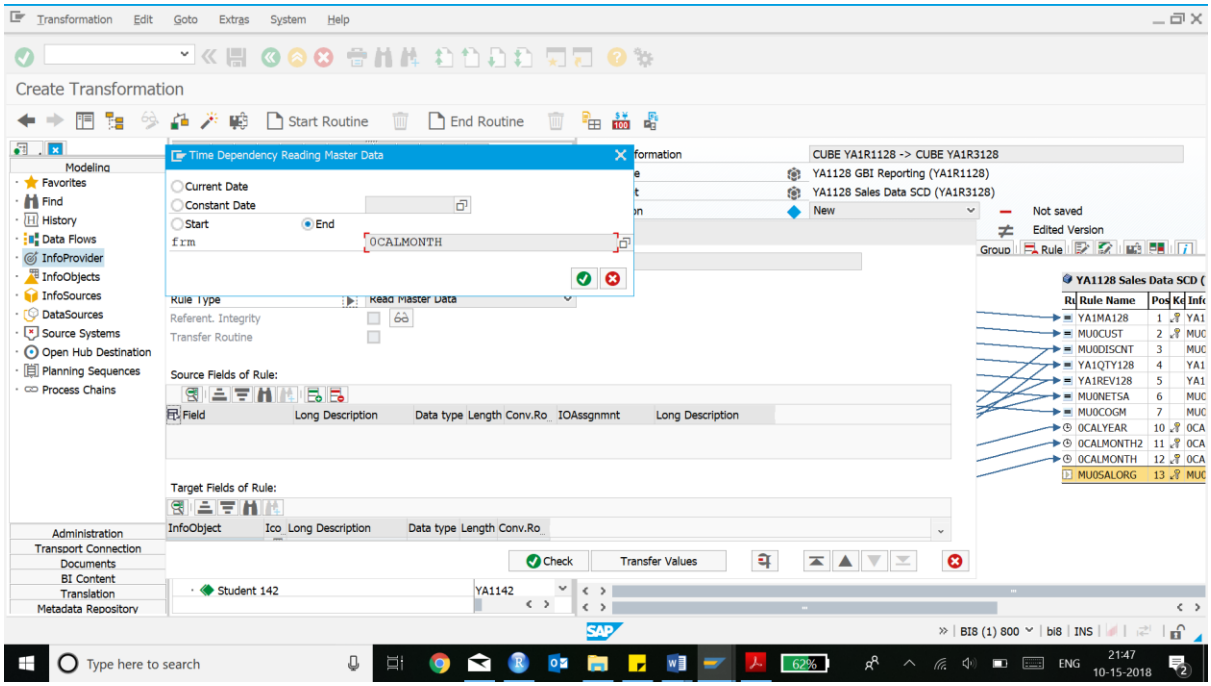
Last Data Update: 10/27/2017 10:45:55

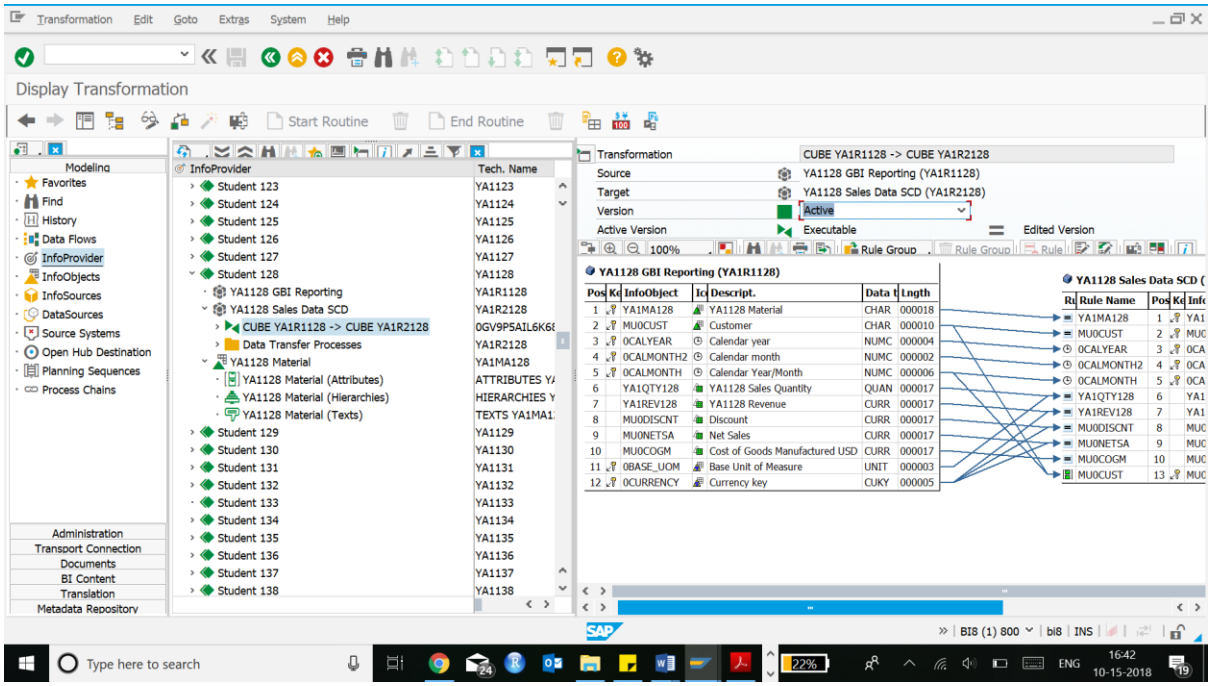
New Analysis | Open | Save As... | Display As: Table | Info | Send | Print Version | Export to Microsoft Excel | Notes | Filter Settings

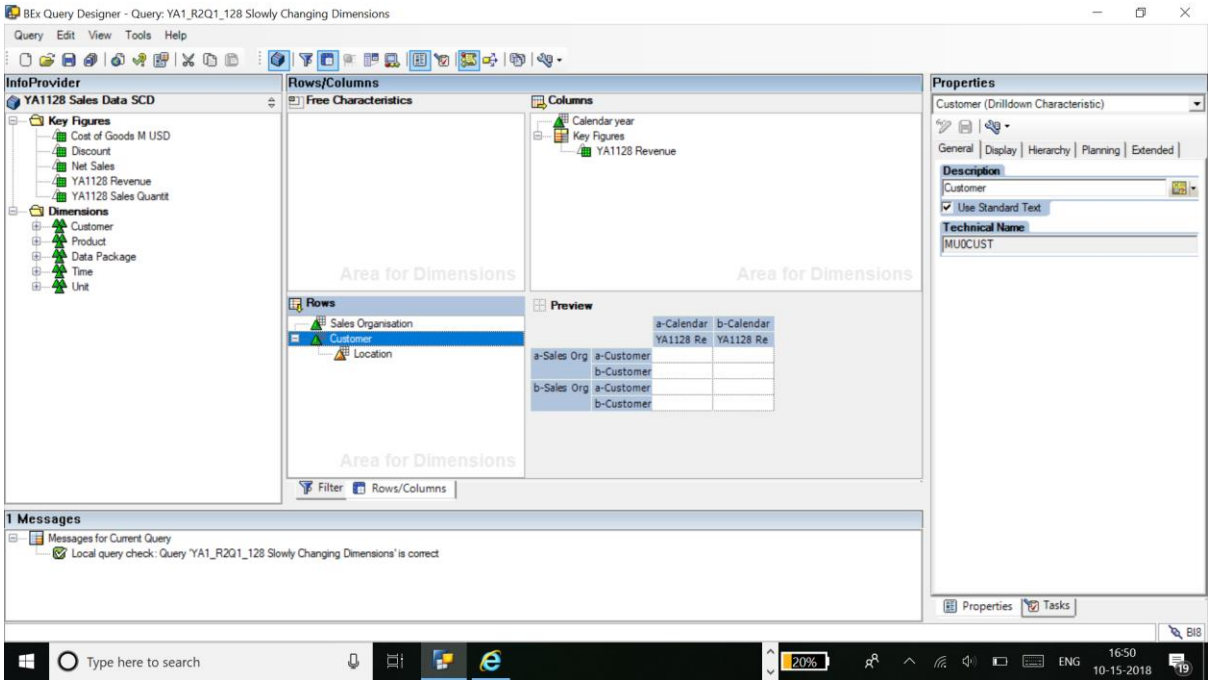
Columns: Calendar year, Key Figures
Rows: Sales Organisation, Customer
Free characteristics

| | | Calendar year | 2010 | 2011 | Overall Result |
|---|---|---|---|---|---|
| | | | Revenue | Revenue | Revenue |
| Sales Organisation | Customer | Location | $ | $ | $ |
| US East | Beantown Bikes | Boston | 3,486,673.19 | 3,922,743.91 | 7,409,417.10 |
| | Big Apple Bikes | New York City | 1,864,509.33 | 2,371,439.60 | 4,235,948.93 |
| | DC Bikes | Washington DC | 1,480,469.45 | 1,813,882.13 | 3,294,351.58 |
| | Furniture City Bikes | Grand Rapids | 670,377.10 | 742,829.97 | 1,413,207.07 |
| | Motown Bikes | Detroit | 1,615,603.45 | 1,789,922.81 | 3,405,526.26 |
| | Peachtree Bikes | Atlanta | 1,359,690.49 | 1,746,019.56 | 3,105,710.05 |
| | Philly Bikes | Philadelphia | 1,507,448.98 | 1,798,688.84 | 3,306,137.82 |
| | Windy City Bikes | Chicago | 1,509,892.43 | 1,793,257.89 | 3,303,150.32 |
| | Result | | 13,494,664.42 | 15,978,784.71 | 29,473,449.13 |
| US West | Northwest Bikes | Seattle | 1,499,900.13 | 1,842,999.54 | 3,342,899.67 |
| | Rocky Mountain Bikes | Denver | 2,056,063.49 | 2,165,339.75 | 4,221,403.24 |
| | Silicon Valley Bikes | Palo Alto | 2,989,108.38 | | 2,989,108.38 |
| | SoCal Bikes | Irvine | 1,622,933.67 | 1,491,878.46 | 3,114,812.13 |
| | Result | | 8,168,005.67 | 5,500,217.75 | 13,668,223.42 |
| Overall Result | | | 21,662,670.09 | 21,479,002.46 | 43,141,672.55 |

## Implemented Transactional View




BEx Query Designer - Query: YA1_R2Q1_128 Slowly Changing Dimensions
Query Edit View Tools Help
InfoProvider
YA1128 Sales Data SCD
Key Figures
Cost of Goods M USD
Discount
Net Sales
YA1128 Revenue
YA1128 Sales Quantit
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Product
Data Package
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Key Figures
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Planning
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Description
Customer
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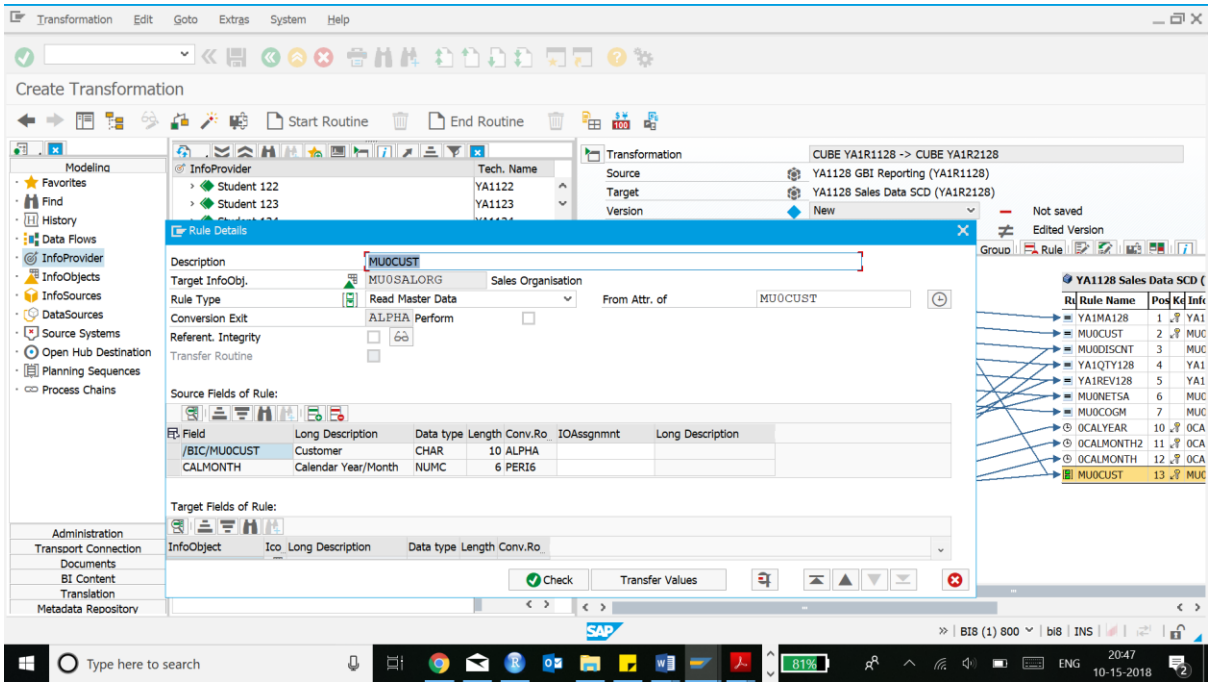
Transformation Edit Goto Extras System Help
Create Transformation
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End Routine
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BI Content
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Target
YA1128 Sales Data SCD (YA1R2128)
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YA1128 Sales Data SCD
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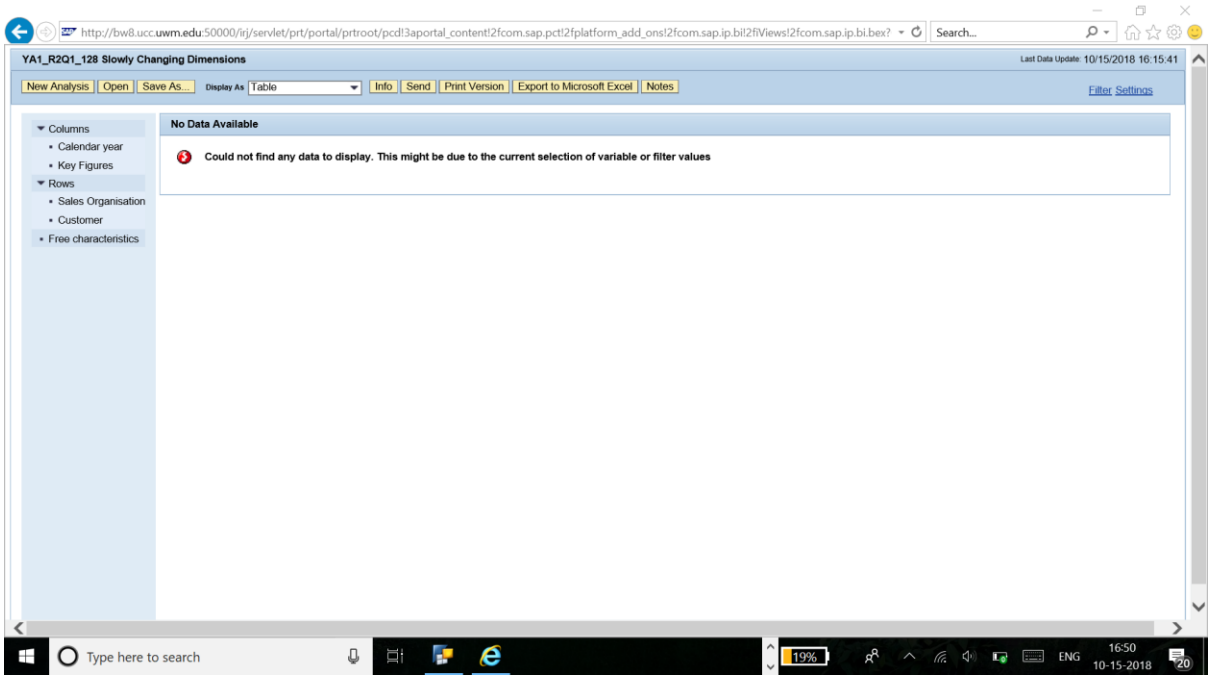
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New Analysis
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Calendar year
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Customer
Free characteristics
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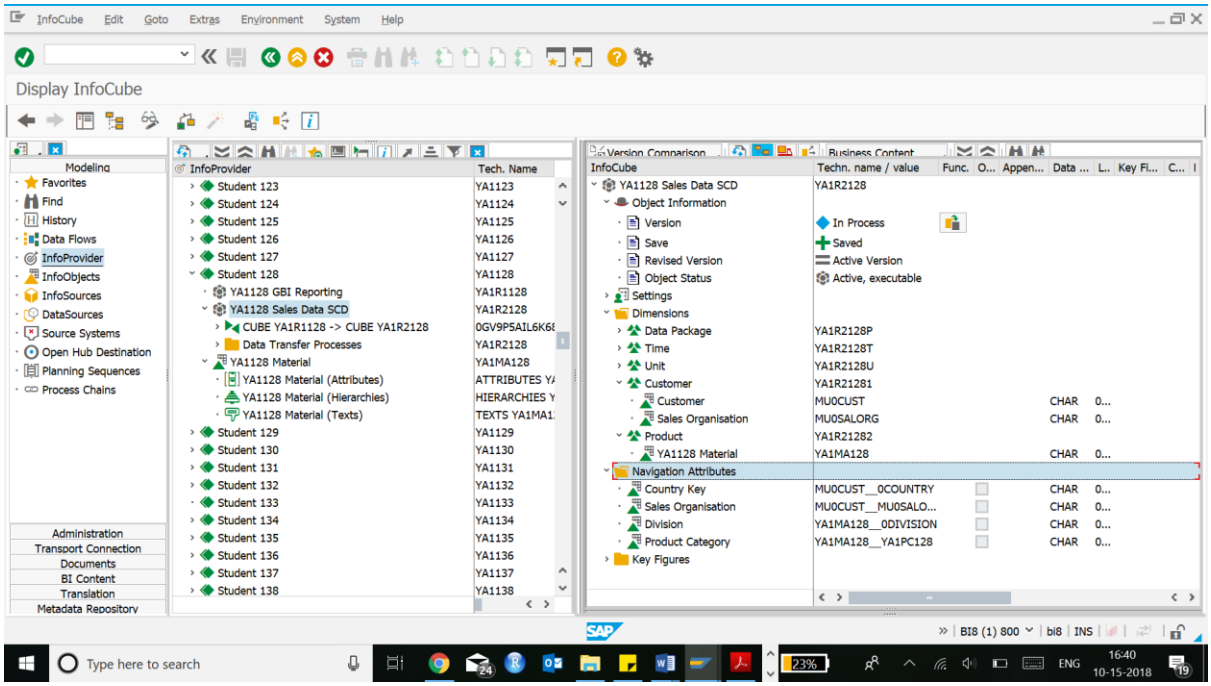
10-15-2018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Planning Sequences
Process Chains
Administration
Transport Connection
Documents
BI Content
Translation
Metadata Repository
InfoProvider
Tech. Name
Student 123
Student 124
Student 125
Student 126
Student 127
Student 128
YA1128 GBI Reporting
YA1128 Sales Data SCD
CUBE YA1R1128 -> CUBE YA1R2128
Data Transfer Processes
YA1128 Material
YA1128 Material (Attributes)
YA1128 Material (Hierarchies)
YA1128 Material (Texts)
Student 129
Student 130
Student 131
Student 132
Student 133
Student 134
Student 135
Student 136
Student 137
Student 138
Version Comparison
Business Content
InfoCube
Techn. name / value
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Object Status
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Settings
Dimensions
Data Package
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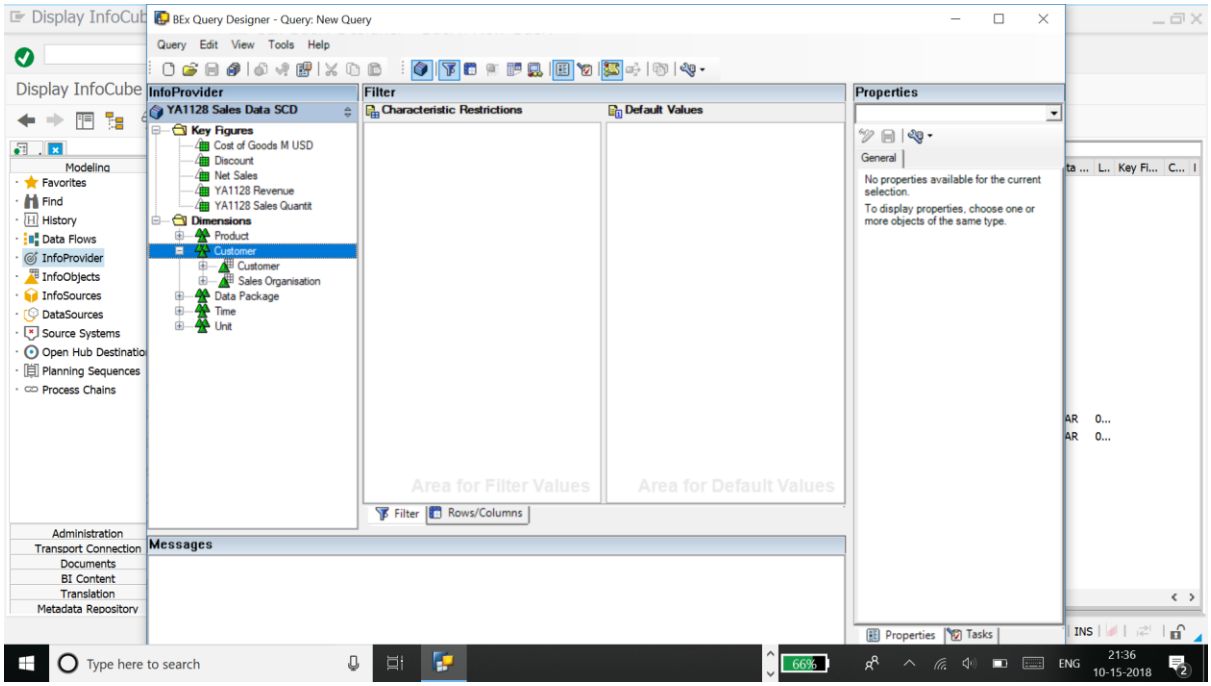
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YA1128 Sales Data SCD
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Cost of Goods M USD
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Area for Default Values
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Properties
General
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To display properties, choose one or more objects of the same type.
Properties
Tasks
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10-15-2018